

Disclaimer

The following report(s) provides findings from an FDA-initiated query using Sentinel. While Sentinel queries may be undertaken to assess potential medical product safety risks, they may also be initiated for various other reasons. Some examples include determining a rate or count of an identified health outcome of interest, examining medical product use, exploring the feasibility of future, more detailed analyses within Sentinel, and seeking to better understand Sentinel capabilities.

Data obtained through Sentinel are intended to complement other types of evidence such as preclinical studies, clinical trials, postmarket studies, and adverse event reports, all of which are used by FDA to inform regulatory decisions regarding medical product safety. The information contained in this report is provided as part of FDA's commitment to place knowledge acquired from Sentinel in the public domain as soon as possible. Any public health actions taken by FDA regarding products involved in Sentinel queries will continue to be communicated through existing channels.

FDA wants to emphasize that the fact that FDA has initiated a query involving a medical product and is reporting findings related to that query does not mean that FDA is suggesting health care practitioners should change their prescribing practices for the medical product or that patients taking the medical product should stop using it. Patients who have questions about the use of an identified medical product should contact their health care practitioners.

The following report contains a description of the request, request specifications, and results from the modular program run(s).

If you are using a web page screen reader and are unable to access this document, please contact the Sentinel Operations Center for assistance at info@sentinelssystem.org.

Overview for Request cder_mpl2p_wp011: Report 2 of 4

Request ID: cder_mpl2p_wp011

Query Description: The goal of this query was to investigate the association between leuprolide acetate and fractures, with unexposed children with and without central precocious puberty (CPP) diagnoses as comparators. This is report 2 of 4. This report contains results of the main analysis for male patients. Please see report 1 for the main analysis for female patients. See reports 3 and 4 for the sensitivity analyses, which include additional censoring criteria, for female and male patients.

Sentinel Modular Program Tool Used: Cohort Identification and Descriptive Analysis (CIDA) Tool, version 7.0.2, with custom programming

Data Source: Data from January 1, 2000 to August 31, 2018 from 11 Data Partners contributing to the Sentinel Distributed Database (SDD) were included in this report. This request was distributed to Data Partners on April 27, 2021. See Appendix A for a list of dates of available data for each Data Partner.

Study Design: We identified male patients with incident or no use of leuprolide acetate and evaluated the occurrence of fractures, among a cohort who were between 0 and 10 years of age with or without a prior diagnosis of CPP. We then conducted a multiple factor matching (MFM) analysis comparing the groups matched on calendar month and date of birth within 183 days. This is a Type 2 analysis using the Multiple Factor Matching module in the Query Request Package (QRP) documentation.

Exposure and Comparators: The exposure of interest was leuprolide acetate and there were two comparators of interest: patients with a CPP diagnosis who were not exposed to leuprolide acetate and patients without a CPP diagnosis who were not exposed to leuprolide acetate.

Leuprolide acetate was defined using National Drug Codes (NDCs) and Healthcare Common Procedure Coding System (HCPCS) codes. See Appendix B for a list of generic and brand names, and Appendix C for a list of HCPCS codes.

CPP comparators were identified using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis codes for CPP in any care setting. CPP comparators were assigned a new index date of 73 days after their first valid CPP diagnosis. 73 days is the median time from CPP diagnosis to leuprolide acetate initiation among male children¹.

Non-CPP comparators were identified using ICD-9-CM, ICD-10-CM, and Current Procedural Terminology, Fourth Edition (CPT-4) codes for a well-child visit in any care setting. See Appendix C for a list of codes used to identify comparators.

Only the first valid episode per patient was included.

Overview for Request cder_mpl2p_wp011: Report 2 of 4

Cohort Eligibility Criteria: Male patients included in all cohorts were required to be continuously enrolled in plans with medical and drug coverage for at least 183 days prior to the date of their first valid dispensing or diagnosis, during which gaps in coverage of up to 45 days were allowed. The following age groups were included in the cohorts: 0-2, 3-4, 5-6, 7-8, and 9-10 years. Inclusion and exclusion criteria varied by cohort.

Leuprolide Acetate cohort: Patients were required to have evidence of CPP in the 183 days before or on the date of their first valid dispensing and no evidence of other long-acting gonadotropin-releasing hormone (GnRH) agonists, osteogenesis imperfecta, drugs that affect bone density, gender dysphoria, or fractures during that time. To restrict to patients with incident use, patients were excluded if they had evidence of leuprolide acetate in the prior 183 days.

CPP cohort: Patients were excluded from the CPP comparator cohort if they had evidence of osteogenesis imperfecta, long-acting GnRH agonists, drugs that affect bone density, gender dysphoria, or fractures in the 183 days prior to or on their index date. Additionally, patients were excluded if they had evidence of Leuprolide Acetate anytime in their available history before, on, or after their index date. To restrict to patients with incident CPP, patients were excluded if they had a diagnosis of CPP in the 183 days before their first valid CPP diagnosis.

Non-CPP cohort: Patients were excluded from the non-CPP comparator cohort if they had evidence of CPP, osteogenesis imperfecta, long-acting GnRH agonists, drugs that affect bone density, gender dysphoria, or fractures in the 183 days prior to or on the date of their first valid well-child visit. Additionally, patients were excluded if they had evidence of leuprolide acetate anytime in their available history before, on, or after the date of their well-child visit.

Inclusion criteria were defined using ICD-9-CM and ICD-10-CM diagnosis codes; see Appendix D for specific codes. Exclusion criteria were defined using ICD-9-CM and ICD-10 diagnosis codes, Current Procedural Terminology, Fourth Edition Category II (CPT-4) and HCPCS procedure codes, and NDCs. See Appendix D for diagnosis and procedure codes, Appendix E for generic and brand names.

Exposure Utilization: Summary statistics for utilization of Leuprolide Acetate were calculated for the patients who were matched with comparators. Exposure duration was calculated as the time from the first dispensing/procedure to the last dispensing/procedure plus a 30-day extension. Cumulative utilization was calculated by summing the total number of leuprolide acetate outpatient pharmacy dispensing or procedure claims during the exposure duration. Multiple claims occurring on the same day were only counted once.

Follow-Up Time: Follow-up time varied by cohort.

Leuprolide Acetate cohort: Follow-up began at the first valid leuprolide acetate dispensing and continued until the first of the following: 1) death, 2) end of enrollment, 3) end of Data Partners' data, or 4) an event.

CPP cohort: Follow-up began 73 days after the first valid CPP diagnosis and continued until the first of the following: 1) death, 2) end of enrollment, 3) end of Data Partners' data, or 4) an event.

Non-CPP cohort: Follow-up began at the first valid well-child visit and continued until the first of the following: 1) death, 2) end of enrollment, 3) end of Data Partners' data, 4) an event, or 5) CPP diagnosis.

Episodes with select events of interests were also censored at evidence of major trauma (see Events of Interest section below). Major trauma was defined as a computed tomography (CT) scan of the head in the inpatient or emergency department setting and two of the following injuries on the same day in those care settings: crushing injury, open fracture of proximal/shaft femur, vertebral fracture, high-trauma E-codes, intracranial injury, internal injury, and injury to nerves and spinal cord. Major trauma was identified using ICD-9-CM and ICD-10-CM diagnosis codes and CPT-4 codes; see Appendix F for a list of codes.

Summary statistics of follow-up time were calculated. Unconditional follow-up time for all matched patients was stratified by reason for censoring and categorized into the following intervals: 0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, and 12+ years. Patients could have multiple reasons for censoring on the same day. Unconditional follow-up time was also calculated for matched patients and weighted by the number of controls in the risk set.

Overview for Request cder_mpl2p_wp011: Report 2 of 4

Sensitivity Analysis: In addition to the episode censoring reasons defined above, episodes in the sensitivity analysis were also censored at initiation of a GnRH agonist. Episodes for exposed patients were censored on the date of a dispensing of a long-acting GnRH agonist other than leuprolide acetate. Episodes for comparator patients were censored on the date of a dispensing of any long-acting GnRH agonist. Long-acting GnRH agonists were defined using HCPCS codes and NDCs; see Appendix F for a list of HCPCS codes, Appendix G for generic and brand names. This report includes results of the main analysis. See report 4 for the sensitivity analysis for male patients.

Events of Interest: The events of interest were major fractures, any fracture, hip replacement, and temporomandibular joint replacement. The events could occur in any care setting. The primary outcome assessed in this analysis is major fractures. The secondary outcomes are any fracture, hip replacement, and temporomandibular joint replacement. Major fractures were defined as a diagnosis and procedure related to the same fracture site within 7 days. Fracture sites included humerus, femur, hip, radius/ulna, and vertebrae. The date of the event was the earliest date of the diagnosis or procedure. Fractures of humerus, femur, hip, and vertebrae weren't counted as events if there was evidence of major trauma on the date of the diagnosis. Episodes in the comparisons with major fracture events were also censored at major trauma. Events were identified using ICD-9-CM and ICD-10-CM diagnosis codes, CPT-4 codes, and International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS) codes. See Appendix H for a list of codes used to define events.

Patient Characteristics: Age and race were evaluated on the date of the first valid diagnosis or dispensing. The following characteristics were assessed in the 183 days prior to or on the date of cohort entry: long-acting goserelin, long-acting histrelin, long-acting leuprolide (excluding leuprolide acetate), long-acting triptorelin, short-acting gonadorelin, short-acting histrelin, short-acting leuprolide acetate, and short-acting nafarelin. Patient characteristics were also evaluated in the following windows after cohort entry: 1) the 183 days after; 2) the 730 days after; and 3) until the end of follow-up. Patients were not required to be enrolled for the evaluation windows following cohort entry. The characteristics included use of anticoagulants, bisphosphonates, anti-epileptic drugs, corticosteroids, chemotherapy, cyclosporine, medroxyprogesterone, loop diuretics, proton pump inhibitors, thiazide diuretics, statins, nitrates, beta blockers, antidepressants, long-acting goserelin, long-acting histrelin, long-acting leuprolide (excluding leuprolide acetate), long-acting triptorelin, short-acting gonadorelin, short-acting histrelin, short-acting leuprolide acetate, short-acting nafarelin, and short-acting GnRH agonists. The top 50 diagnoses and top 20 prescription medications during each evaluation window were also evaluated. Top diagnoses and prescription medications were defined as the diagnoses and prescription medications recorded for the largest number of exposed patients. All characteristics were assessed overall, stratified by event status, and weighted by the number of controls in the risk set. Patient characteristics were defined using CPT-4 codes, HCPCS codes, and NDCs; see Appendix I for a list of procedure codes, and Appendix J for generic and brand names.

Effect Estimates: Patients in the exposed and comparator cohorts were matched on calendar month of their first valid dispensing or diagnosis and date of birth within 183 days. The matching ratio was 1:n (up to 10). For each comparison, a case-centered logistic regression model was used to estimate hazard ratios and corresponding 95% confidence intervals.

Please see Appendices K and L for the specifications of parameters used in the analyses for this request.

Limitations: 1) As with all observational studies, this evaluation was limited in its ability to control for all sources of potential bias. 2) Exposures, outcomes, inclusions, exclusions, episode censoring criteria, and patient characteristics may be misclassified due to imperfect algorithms used to identify them. Therefore, data should be interpreted with this limitation in mind.

Notes: Please contact the Sentinel Operations Center (info@sentinelssystem.org) for questions and to provide comments/suggestions for future enhancements to this document. For more information on Sentinel routine querying modules, please refer to the documentation.

¹<https://www.sentinelinitiative.org/drugs/assessments/lupron-depot-ped-use-among-patients-central-precocious-puberty>

Table of Contents

<u>CIDA Glossary</u>	List of Terms Found in this Report Related to Sentinel's Cohort Identification and Descriptive Analysis (CIDA) Tool and their Definitions
<u>MFM Glossary</u>	List of Terms Found in this Report Related to Sentinel's Multiple Factor Matching (MFM) Tool and their Definitions
<u>Table 1</u>	Summary of Cohort Attrition for Male Leuprolide Acetate Exposed Patients and Central Precocious Puberty (CPP) and Non-CPP Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018
<u>Table 2</u>	Summary of Leuprolide Acetate Exposure Duration (Days) and Dispensings among Male Lupron-Exposed Patients Matched with Central Precocious Puberty (CPP) and Non-CPP Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018
<u>Table 3</u>	Summary of Follow-Up Time (Days) for Male Leuprolide Acetate Exposed Patients and their Matched Central Precocious Puberty (CPP) and Non-CPP Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018
<u>Table 4a</u>	Summary of Events and Censoring for Male Leuprolide Acetate Exposed Patients and their Matched Central Precocious Puberty (CPP) and Non-CPP Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, Primary Outcome
<u>Table 4b</u>	Summary of Events and Censoring for Male Leuprolide Acetate Exposed Patients and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, Secondary Outcomes
<u>Table 5a</u>	Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture
<u>Table 5b</u>	Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture
<u>Table 5c</u>	Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture
<u>Table 5d</u>	Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement
<u>Table 5e</u>	Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement
<u>Table 6a</u>	Effect Estimates for Leuprolide Acetate Exposed Children Matched with Non-Central Precocious Puberty (CPP) Controls, Major Fracture
<u>Table 6b</u>	Effect Estimates for Leuprolide Acetate Exposed Children Matched with Central Precocious Puberty (CPP) Controls, Major Fracture
<u>Table 6c</u>	Effect Estimates for Leuprolide Acetate Exposed Children Matched with Non-Central Precocious Puberty (CPP) Controls, Any Fracture
<u>Table 6d</u>	Effect Estimates for Leuprolide Acetate Exposed Children Matched with Non-Central Precocious Puberty (CPP) Controls, Hip Replacement
<u>Table 6e</u>	Effect Estimates for Leuprolide Acetate Exposed Children Matched with Non-Central Precocious Puberty (CPP) Controls, Temporomandibular Joint Replacement

Table of Contents

<u>Table 7</u>	Summary of Leuprolide Acetate Exposure Duration and Dispensings among Male Lupron Exposed Children and their Matched Central Precocious Puberty (CPP) and Non-CPP Controls with Major Fractures in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018
<u>Table 8a</u>	Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture
<u>Table 8b</u>	Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture
<u>Table 8c</u>	Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture
<u>Table 8d</u>	Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement
<u>Table 8e</u>	Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement
<u>Table 9a</u>	Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture
<u>Table 9b</u>	Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture
<u>Table 9c</u>	Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture
<u>Table 9d</u>	Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement
<u>Table 9e</u>	Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement
<u>Table 10a</u>	Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture
<u>Table 10b</u>	Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture
<u>Table 10c</u>	Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture
<u>Table 10d</u>	Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

Table of Contents

<u>Table 10e</u>	Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement
<u>Table 11a</u>	Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Major Fracture
<u>Table 11b</u>	Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Central Precocious Puberty (CPP) Controls, Major Fracture
<u>Table 11c</u>	Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Any Fracture
<u>Table 11d</u>	Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Hip Replacement
<u>Table 11e</u>	Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Temporomandibular Joint Replacement
<u>Figure 1</u>	Kaplan Meier Survival Curves for Male Leuprolide Acetate Exposed Children Matched with Non-Central Precocious Puberty (CPP) Controls, Major Fracture, Overall
<u>Figure 2</u>	Kaplan Meier Survival Curves for Male Leuprolide Acetate Exposed Children Matched with Non-Central Precocious Puberty (CPP) Controls, Major Fracture, by Age Group
<u>Figure 3</u>	Kaplan Meier Survival Curves for Male Leuprolide Acetate Exposed Children Matched with Central Precocious Puberty (CPP) Controls, Major Fracture, Overall
<u>Figure 4</u>	Kaplan Meier Survival Curves for Male Leuprolide Acetate Exposed Children Matched with Central Precocious Puberty (CPP) Controls, Major Fracture, by Age Group
<u>Appendix A</u>	Dates of Available Data for Each Data Partner (DP) in the Sentinel Distributed Database (SDD) as of Request Distribution Date (April 27, 2021)
<u>Appendix B</u>	List of Generic and Brand Names of Products Used to Define the Exposure in this Request
<u>Appendix C</u>	List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Exposures and Comparators in this Request
<u>Appendix D</u>	List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request
<u>Appendix E</u>	List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request
<u>Appendix F</u>	List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request
<u>Appendix G</u>	List of Generic and Brand Names of Products Used to Define Episode Censoring Criteria in this Request
<u>Appendix H</u>	List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Table of Contents

<u>Appendix I</u>	List of Current Procedural Terminology, Fourth Edition, Category II (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Patient Characteristics in this Request
<u>Appendix J</u>	List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request
<u>Appendix K.1</u>	Specifications for Request ID cder_mpl2p_wp011 (Comparisons 1-3)
<u>Appendix K.2</u>	Specifications for Request ID cder_mpl2p_wp011 (Comparisons 4-7)
<u>Appendix K.3</u>	Specifications for Request ID cder_mpl2p_wp011 (Comparisons 8-10)
<u>Appendix L.1</u>	Specifications for Request ID cder_mpl2p_wp011
<u>Appendix L.2</u>	Specifications for Request ID cder_mpl2p_wp011 (cont.)

**Glossary of Terms for Analyses Using
Cohort Identification and Descriptive Analysis (CIDA) Module***

Amount Supplied - number of units (pills, tablets, vials) dispensed. Net amount per NDC per dispensing.

Blackout Period - number of days at the beginning of a treatment episode that events are to be ignored. If an event occurs during the blackout period, the episode is excluded.

Care Setting - type of medical encounter or facility where the exposure, event, or condition code was recorded. Possible care settings include: Inpatient Hospital Stay (IP), Non-Acute Institutional Stay (IS), Emergency Department (ED), Ambulatory Visit (AV), and Other Ambulatory Visit (OA). For laboratory results, possible care settings include: Emergency Department (E), Home (H), Inpatient (I), Outpatient (O), or Unknown or Missing (U). The Care Setting, along with the Principal Diagnosis Indicator (PDX), forms the Care Setting/PDX parameter.

Ambulatory Visit (AV) - includes visits at outpatient clinics, same-day surgeries, urgent care visits, and other same-day ambulatory hospital encounters, but excludes emergency department encounters.

Emergency Department (ED) - includes ED encounters that become inpatient stays (in which case inpatient stays would be a separate encounter). Excludes urgent care visits.

Inpatient Hospital Stay (IP) - includes all inpatient stays, same-day hospital discharges, hospital transfers, and acute hospital care where the discharge is after the admission date.

Non-Acute Institutional Stay (IS) - includes hospice, skilled nursing facility (SNF), rehab center, nursing home, residential, overnight non-hospital dialysis and other non-hospital stays.

Other Ambulatory Visit (OA) - includes other non overnight AV encounters such as hospice visits, home health visits, skilled nursing facility visits, other non-hospital visits, as well as telemedicine, telephone and email consultations.

Charlson/Elixhauser Combined Comorbidity Score - calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (e.g., in the 183 days prior to index).

Code Days - the minimum number of times the diagnosis must be found during the evaluation period in order to fulfill the algorithm to identify the corresponding patient characteristic.

Cohort Definition (drug/exposure) - indicates how the cohort will be defined: 01: Cohort includes only the first valid treatment episode during the query period; 02: Cohort includes all valid treatment episodes during the query period; 03: Cohort includes all valid treatment episodes during the query period until an event occurs.

Computed Start Marketing Date - represents the first observed dispensing date among all valid users within a GROUP (scenario) within each Data Partner site.

Days Supplied - number of days supplied for all dispensings in qualifying treatment episodes.

Eligible Members - number of members eligible for an incident treatment episode (defined by the drug/exposure and event washout periods) with drug and medical coverage during the query period.

Enrollment Gap - number of days allowed between two consecutive enrollment periods without breaking a "continuously enrolled" sequence.

Episodes - treatment episodes; length of episode is determined by days supplied in one dispensing or consecutive dispensings bridged by the episode gap.

Episode Gap - number of days allowed between two (or more) consecutive exposures (dispensings/procedures) to be considered the same treatment episode.

Event Deduplication - specifies how events are counted by the Modular Program (MP) algorithm: 0: Counts all occurrences of a health outcome of interest (HOI) during an exposure episode; 1: de-duplicates occurrences of the same HOI code and code type on the same day; 2: de-duplicates occurrences of the same HOI group on the same day (e.g., de-duplicates at the group level).

Exposure Episode Length - number of days after exposure initiation that is considered "exposed time."

Exposure Extension Period - number of days post treatment period in which the outcomes/events are counted for a treatment episode. Extensions are added after any episode gaps have been bridged.

Lookback Period - number of days wherein a member is required to have evidence of pre-existing condition (diagnosis/procedure/drug dispensing).

Maximum Episode Duration - truncates exposure episodes after a requester-specified number of exposed days. Applied after any gaps are bridged and extension days added to the length of the exposure episode.

Member-Years - sum of all days of enrollment with medical and drug coverage in the query period preceded by an exposure washout period all divided by 365.25.

Minimum Days Supplied - specifies a minimum number of days in length of the days supplied for the episode to be considered.

Minimum Episode Duration - specifies a minimum number of days in length of the episode for it to be considered. Applied after any gaps are bridged and extension days added to the length of the exposure episode.

Monitoring Period - used to define time periods of interest for both sequential analysis and simple cohort characterization requests.

Principal Diagnosis (PDX) - diagnosis or condition established to be chiefly responsible for admission of the patient to the hospital. 'P' = principal diagnosis, 'S' = secondary diagnosis, 'X' = unspecified diagnosis, '.' = blank. Along with the Care Setting values, forms the Caresetting/PDX parameter.

Query Period - period in which the modular program looks for exposures and outcomes of interest.

Switch Evaluation Step Value - value used to differentiate evaluation step. Each switch pattern can support up to 2 evaluation steps (0 = switch pattern evaluation start; 1 = first evaluation; 2 = second evaluation).

Switch Gap Inclusion Indicator - indicator for whether gaps in treatment episodes that are included in a switch episode will be counted as part of the switch episode duration.

Switch Pattern Cohort Inclusion Date - indicates which date to use for inclusion into the switch pattern cohort of interest as well as optionally as the index date of the treatment episode initiating the switch pattern. Valid options are the product approval date, product marketing date, other requester defined date, or computed start marketing date.

Switch Pattern Cohort Inclusion Strategy - indicates how the switch pattern cohort inclusion date will be used: 01: used only as a switch cohort entry date. First treatment episode dispensing date is used as index for computing time to first switch; 02: used as switch cohort entry date and as initial switch step index date for computing time to first switch.

Treatment Episode Truncation Indicator - indicates whether the exposure episode will be truncated at the occurrence of a requester-specified code.

Washout Period (drug/exposure) - number of days a user is required to have no evidence of prior exposure (drug dispensing/procedure) and continuous drug and medical coverage prior to an incident treatment episode.

Washout Period (event/outcome) - number of days a user is required to have no evidence of a prior event (procedure/diagnosis) and continuous drug and medical coverage prior to an incident treatment episode.

Years at Risk - number of days supplied plus any episode gaps and exposure extension periods all divided by 365.25.

*all terms may not be used in this report

**Glossary of Terms for Analyses Using
Multiple Factor Matching (MFM) Tool***

Individual Level Data Return - program may return individual-level, de-identified datasets to the Sentinel Operations Center (SOC). While the datasets contain a single row per patient for each specified analysis, patient identifiers such as a patient ID are not included in the output. Individual-level datasets are returned to the SOC, aggregated, and used to calculate effect estimates via Cox (proportional hazards) regression.

Matched Conditional and Unconditional Analysis - in a conditional matched analysis, a Cox proportional hazards model, stratified by Data Partner site and matched set, is run on the matched population. This can be done for both the 1:1 and 1:n matched cohorts. In an unconditional analysis, a Cox proportional hazards model, stratified by Data Partner site only, is run on the matched population. This can be done for the 1:1 matched cohort only.

Matching Ratio - patients in exposed and comparator groups are matched by a 1:1 or 1:n (up to 10) matching ratio.

Matching Variables - requester defined categorical variables to match groups on.

1. Age group
2. Sex
3. Year of index date

MFM Tool - uses output from the CIDA tool to find an exact match between an exposure and comparator cohort based on predefined options. The MFM tool performs effect estimation by comparing exposure exact matched parallel new user cohorts or comparing a new user cohort to a never-exposed cohort. It calculates hazard ratios, incidence rate differences and 95% confidence intervals.

Risk-set Level Data Return - alternative to the patient-level data return approach. In this approach, the MFM tool will produce de-identified, risk-set level datasets instead of or in addition to individual-level output. Whereas each observation in the patient-level datasets represents one patient in the cohort, each observation in the risk set dataset represents one event. Risk sets are created at the Data Partner site, returned to the SOC, aggregated, and used to calculate effect estimates via case-centered logistic regression.

Subgroup Analysis - may be conducted using any requester-defined covariates. Subgroup analyses may be performed in the unmatched and the matched population.

*all terms may not be used in this report

Table 1. Summary of Cohort Attrition for Male Leuprolide Acetate Exposed Patients and Central Precocious Puberty (CPP) and Non-CPP Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018¹

Attrition step	Remaining (n)	Percent remaining
Eligible Leuprolide Acetate Exposed Children		
All enrollees during query period	245,149,709	100.00%
Age <11 at any time during query period	52,490,561	21.41%
Any leuprolide acetate exposure before age 11	1,110	0.00%
A leuprolide acetate exposure preceded by a 183-day washout period	806	0.00%
No evidence of osteogenesis imperfecta, long-acting Gonadotropin-Releasing Hormone agonists, fractures, gender dysphoria, or drugs that affect bone density during the 183-day baseline period	472	0.00%
Diagnosis of CPP during the 183-day baseline period	439	0.00%
Eligible non-CPP Controls		
All enrollees during query period	245,149,709	100.00%
Age <11 at any time during query period	52,490,561	21.41%
Any well visit before age 11	9,408,122	3.84%
A well visit preceded by a 183-day washout period	7,229,118	2.95%
No evidence of leuprolide acetate exposure, CPP, osteogenesis imperfecta, long-acting GnRH agonists, fractures, gender dysphoria, or drugs that affect bone density during the 183-day baseline period	6,739,063	2.75%
Eligible CPP controls		
All enrollees during query period	245,149,709	100.00%
Age <11 at any time during query period	52,490,561	21.41%
Any CPP diagnosis before age 11	20,032	0.01%
A CPP diagnosis preceded by a 183-day washout period	14,400	0.01%
No evidence of leuprolide acetate exposure, osteogenesis imperfecta, long-acting GnRH agonists, fractures, gender dysphoria, or drugs that affect bone density during the 183-day baseline period	10,509	0.00%

¹These tables only include select attrition steps

Table 2. Summary of Leuprolide Acetate Exposure Duration (Days) and Dispensings among Male Lupron-Exposed Patients Matched with Central Precocious Puberty (CPP) and Non-CPP Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018

	Number of patients	Mean	Minimum	Maximum	5%	10%	25%	Median	75%	90%	95%	99%
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls, Major Fracture												
Cumulative Leuprolide Acetate Exposure Duration (days)	439	330	1	1941	31	31	31	152	537	925	1100	1442
Cumulative Leuprolide Acetate Utilization ¹	439	8	1	69	1	1	1	3	10	23	31	43
Leuprolide Acetate Exposed Children Matched with CPP Controls, Major Fracture												
Cumulative Leuprolide Acetate Exposure Duration (days)	432	330	1	1941	31	31	31	154.5	537	923	1100	1442
Cumulative Leuprolide Acetate Utilization ¹	432	8	1	69	1	1	1	3	10	23	31	43
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls, Any Fracture												
Cumulative Leuprolide Acetate Exposure Duration (days)	439	330	1	1941	31	31	31	152	537	925	1100	1442
Cumulative Leuprolide Acetate Utilization ¹	439	8	1	69	1	1	1	3	10	23	31	43
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls, Hip Replacement												
Cumulative Leuprolide Acetate Exposure Duration (days)	439	330	1	1941	31	31	31	152	537	925	1100	1442
Cumulative Leuprolide Acetate Utilization ¹	439	8	1	69	1	1	1	3	10	23	31	43
Cumulative Leuprolide Acetate Exposure Duration (days)	439	330	1	1941	31	31	31	152	537	925	1100	1442
Cumulative Leuprolide Acetate Utilization ¹	439	8	1	69	1	1	1	3	10	23	31	43

¹This is a measure of separate-day dispensings or procedures

Table 3. Summary of Follow-Up Time (Days) for Male Leuprolide Acetate Exposed Patients and their Matched Central Precocious Puberty (CPP) and Non-CPP Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018

	Number of patients	Mean	Minimum	Maximum	5%	10%	25%	Median	75%	90%	95%	99%
Major Fracture												
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls	439	1,020	1	4834	59	115	293	757	1411	2503	3101	3814
Matched Non-CPP Controls	4,390	1,018	1	6400	45	90	248	637.5	1378	2585	3339	5283
Leuprolide Acetate Exposed Children Matched with CPP Controls	432	1,015	1	4834	59	116	293	752.5	1410	2453	3095	3814
Matched CPP Controls	3,474	978	1	6391	55	103	277	680.5	1365	2307	2966	4157
Any Fracture												
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls	439	937	1	4834	52	107	284	692	1297	2297	3002	3598
Matched Non-CPP Controls	4,390	922	1	6400	41	86	233	589	1236	2311	2973	4282
Hip Replacement												
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls	439	1,070	1	4834	63	116	301	797	1487	2704	3168	3858
Matched Non-CPP Controls	4,390	1,067	1	6400	47	94	263	659	1469	2725	3498	5372
Temporomandibular Joint Replacement												
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls	439	1,070	1	4834	63	116	301	797	1487	2704	3168	3858
Matched Non-CPP Controls	4,390	1,067	1	6400	47	94	263	659	1469	2725	3498	5372

Table 4a. Summary of Events and Censoring for Male Leuprolide Acetate Exposed Patients and their Matched Central Precocious Puberty (CPP) and Non-CPP Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, Primary Outcome

Number of patients	Duration of Follow-up (years) ¹						
	0-<2	2-<4	4-<6	6-<8	8-<10	10-<12	≥12
MajorFracture							
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls							
Event of interest	19	8 (2%)	9 (2%)	1 (0%)	1 (0%)	0 (0%)	0 (0%)
Other censoring criteria	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Disenrollment	399	199 (45%)	108 (25%)	47 (11%)	17 (4%)	24 (5%)	2 (0%)
Death	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
End of data period	160	51 (12%)	40 (9%)	27 (6%)	18 (4%)	20 (5%)	3 (1%)
Total patients at risk	439	439 (100%)	226 (51%)	102 (23%)	54 (12%)	31 (7%)	5 (1%)
<i>Cumulative person-years at risk</i>	<i>1,226</i>	<i>640.0</i>	<i>763.4</i>	<i>557.9</i>	<i>407.8</i>	<i>279.0</i>	<i>56.7</i>
Matched Non-CPP Controls							
Event of interest	172	98 (2%)	45 (1%)	20 (0%)	6 (0%)	3 (0%)	0 (0%)
Other censoring criteria	22	7 (0%)	2 (0%)	8 (0%)	2 (0%)	1 (0%)	2 (0%)
Disenrollment	4,037	2,260 (51%)	855 (19%)	381 (9%)	259 (6%)	154 (4%)	74 (2%)
Death	1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1 (0%)	0 (0%)
End of data period	1,286	535 (12%)	280 (6%)	141 (3%)	131 (3%)	100 (2%)	52 (1%)
Total patients at risk	4,390	4,390 (100%)	1,970 (45%)	1,034 (24%)	608 (14%)	326 (7%)	159 (4%)
<i>Cumulative person-years at risk</i>	<i>12,238</i>	<i>5,983.2</i>	<i>6,793.1</i>	<i>5,712.0</i>	<i>4,554.5</i>	<i>3,077.3</i>	<i>1,807.3</i>
Leuprolide Acetate Exposed Children Matched with CPP Controls							
Event of interest	19	8 (2%)	9 (2%)	1 (0%)	1 (0%)	0 (0%)	0 (0%)
Other censoring criteria	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Disenrollment	394	197 (46%)	105 (24%)	47 (11%)	17 (4%)	24 (6%)	2 (0%)
Death	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
End of data period	156	50 (12%)	39 (9%)	27 (6%)	17 (4%)	19 (4%)	3 (1%)
Total patients at risk	432	432 (100%)	221 (51%)	100 (23%)	52 (12%)	30 (7%)	5 (1%)
<i>Cumulative person-years at risk</i>	<i>1,200</i>	<i>628.6</i>	<i>745.9</i>	<i>545.9</i>	<i>392.9</i>	<i>270.5</i>	<i>56.7</i>

Table 4a. Summary of Events and Censoring for Male Leuprolide Acetate Exposed Patients and their Matched Central Precocious Puberty (CPP) and Non-CPP Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, Primary Outcome

	Number of patients	Duration of Follow-up (years) ¹						
		0-<2	2-<4	4-<6	6-<8	8-<10	10-<12	≥12
Matched CPP Controls								
Event of interest	114	65 (2%)	37 (1%)	9 (0%)	3 (0%)	0 (0%)	0 (0%)	0 (0%)
Other censoring criteria	3	1 (0%)	0 (0%)	0 (0%)	2 (0%)	0 (0%)	0 (0%)	0 (0%)
Disenrollment	3,280	1,730 (50%)	808 (23%)	394 (11%)	187 (5%)	107 (3%)	32 (1%)	22 (1%)
Death	1	0 (0%)	1 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
End of data period	1,305	485 (14%)	344 (10%)	218 (6%)	118 (3%)	82 (2%)	35 (1%)	23 (1%)
Total patients at risk	3,474	3,474 (100%)	1,660 (48%)	793 (23%)	384 (11%)	183 (5%)	71 (2%)	31 (1%)
<i>Cumulative person-years at risk</i>	<i>9,299</i>	<i>4,872.6</i>	<i>5,664.4</i>	<i>4,295.4</i>	<i>2,845.7</i>	<i>1,690.9</i>	<i>802.2</i>	<i>453.0</i>

¹Percentages are calculated based on the size of the cohort

Table 4b. Summary of Events and Censoring for Male Leuprolide Acetate Exposed Patients and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, Secondary Outcomes

Number of patients	Duration of Follow-up (years) ¹						
	0-<2	2-<4	4-<6	6-<8	8-<10	10-<12	≥12
Any Fracture							
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls							
Event of interest	59	34 (8%)	20 (5%)	2 (0%)	3 (1%)	0 (0%)	0 (0%)
Other censoring criteria	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Disenrollment	363	196 (45%)	90 (21%)	41 (9%)	13 (3%)	21 (5%)	2 (0%)
Death	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
End of data period	140	50 (11%)	35 (8%)	23 (5%)	12 (3%)	18 (4%)	1 (0%)
Total patients at risk	439	439 (100%)	204 (46%)	87 (20%)	44 (10%)	25 (6%)	3 (1%)
<i>Cumulative person-years at risk</i>	<i>1,126</i>	<i>619.8</i>	<i>685.1</i>	<i>475.0</i>	<i>333.2</i>	<i>224.1</i>	<i>35.7</i>
Matched Non-CPP Controls							
Event of interest	528	264 (6%)	138 (3%)	78 (2%)	31 (1%)	11 (0%)	5 (0%)
Other censoring criteria	4	3 (0%)	1 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Disenrollment	3,723	2,208 (50%)	780 (18%)	325 (7%)	223 (5%)	106 (2%)	55 (1%)
Death	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
End of data period	1,148	525 (12%)	258 (6%)	121 (3%)	104 (2%)	73 (2%)	40 (1%)
Total patients at risk	4,390	4,390 (100%)	1,860 (42%)	911 (21%)	494 (11%)	232 (5%)	107 (2%)
<i>Cumulative person-years at risk</i>	<i>11,078</i>	<i>5,839.8</i>	<i>6,326.0</i>	<i>4,984.4</i>	<i>3,664.8</i>	<i>2,178.2</i>	<i>1,205.2</i>
Hip Replacement							
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls							
Event of interest	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Other censoring criteria	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Disenrollment	417	201 (46%)	112 (26%)	52 (12%)	21 (5%)	26 (6%)	3 (1%)
Death	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
End of data period	170	51 (12%)	42 (10%)	30 (7%)	20 (5%)	21 (5%)	5 (1%)
Total patients at risk	439	439 (100%)	232 (53%)	113 (26%)	61 (14%)	35 (8%)	7 (2%)
<i>Cumulative person-years at risk</i>	<i>1,286</i>	<i>647.5</i>	<i>793.3</i>	<i>619.0</i>	<i>459.8</i>	<i>316.4</i>	<i>78.2</i>

Table 4b. Summary of Events and Censoring for Male Leuprolide Acetate Exposed Patients and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, Secondary Outcomes

	Number of patients	Duration of Follow-up (years) ¹						
		0-<2	2-<4	4-<6	6-<8	8-<10	10-<12	≥12
Matched Non-CPP Controls								
Event of interest	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Other censoring criteria	5	4 (0%)	1 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Disenrollment	4,209	2,302 (52%)	890 (20%)	413 (9%)	278 (6%)	183 (4%)	83 (2%)	60 (1%)
Death	1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1 (0%)	0 (0%)	0 (0%)
End of data period	1,363	547 (12%)	287 (7%)	152 (3%)	143 (3%)	119 (3%)	60 (1%)	55 (1%)
Total patients at risk	4,390	4,390 (100%)	2,028 (46%)	1,102 (25%)	671 (15%)	374 (9%)	181 (4%)	83 (2%)
<i>Cumulative person-years at risk</i>	<i>12,822</i>	<i>6,067.3</i>	<i>7,035.1</i>	<i>6,117.6</i>	<i>5,044.4</i>	<i>3,530.2</i>	<i>2,055.0</i>	<i>1,235.3</i>
Temporomandibular Joint Replacement								
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls								
Event of interest	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Other censoring criteria	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Disenrollment	417	201 (46%)	112 (26%)	52 (12%)	21 (5%)	26 (6%)	3 (1%)	2 (0%)
Death	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
End of data period	170	51 (12%)	42 (10%)	30 (7%)	20 (5%)	21 (5%)	5 (1%)	1 (0%)
Total patients at risk	439	439 (100%)	232 (53%)	113 (26%)	61 (14%)	35 (8%)	7 (2%)	2 (0%)
<i>Cumulative person-years at risk</i>	<i>1,286</i>	<i>647.5</i>	<i>793.3</i>	<i>619.0</i>	<i>459.8</i>	<i>316.4</i>	<i>78.2</i>	<i>25.4</i>
Matched Non-CPP Controls								
Event of interest	0	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Other censoring criteria	5	4 (0%)	1 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Disenrollment	4,209	2,302 (52%)	890 (20%)	413 (9%)	278 (6%)	183 (4%)	83 (2%)	60 (1%)
Death	1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1 (0%)	0 (0%)	0 (0%)
End of data period	1,363	547 (12%)	287 (7%)	152 (3%)	143 (3%)	119 (3%)	60 (1%)	55 (1%)
Total patients at risk	4,390	4,390 (100%)	2,028 (46%)	1,102 (25%)	671 (15%)	374 (9%)	181 (4%)	83 (2%)
<i>Cumulative person-years at risk</i>	<i>12,822</i>	<i>6,067.3</i>	<i>7,035.1</i>	<i>6,117.6</i>	<i>5,044.4</i>	<i>3,530.2</i>	<i>2,055.0</i>	<i>1,235.3</i>

¹Percentages are calculated based on the size of the cohort

Table 5a. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (N)	439 (100.0%)	19 (100.0%)	420 (100.0%)	439 (100.0%)	17 (100.0%)	422 (100.0%)	-
Follow-up time (person-days; mean, SD)	1,020.3 (918.7)	865.4 (630.7)	1,027.3 (926.2)	1,018.2 (1050.9)	812.8 (715.9)	1,026.6 (1059.9)	0.002
Characteristics							
Mean age (years)	9.1 (1.8)	9.2 (0.8)	9.0 (1.9)	9.1 (1.8)	9.2 (1.6)	9.0 (1.8)	0
Age (years)							
0-2	11 (2.5%)	0 (0.0%)	11 (2.6%)	11 (2.5%)	0 (1.2%)	11 (2.6%)	0
3-4	5 (1.1%)	0 (0.0%)	5 (1.2%)	5 (1.1%)	0 (2.3%)	5 (1.1%)	0
5-6	26 (5.9%)	0 (0.0%)	26 (6.2%)	26 (5.9%)	1 (5.2%)	25 (6.0%)	0
7-8	123 (28.0%)	8 (42.1%)	115 (27.4%)	123 (28.0%)	4 (22.7%)	119 (28.2%)	-
9-10	274 (62.4%)	11 (57.9%)	263 (62.6%)	274 (62.4%)	12 (68.6%)	262 (62.2%)	0
Race ¹							
American Indian or Alaska Native	1 (0.2%)	1 (5.3%)	0 (0.0%)	1 (0.3%)	0 (1.2%)	1 (0.2%)	-0.009
Asian	8 (1.8%)	0 (0.0%)	8 (1.9%)	8 (1.8%)	0 (1.7%)	8 (1.8%)	0.002
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.3%)	13 (2.9%)	0 (1.2%)	13 (3.0%)	0.017
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	-
Unknown	366 (83.4%)	17 (89.5%)	349 (83.1%)	367 (83.6%)	13 (77.3%)	354 (83.9%)	-0.01
White	50 (11.4%)	1 (5.3%)	49 (11.7%)	49 (11.3%)	3 (18.6%)	46 (11.0%)	-
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	81.8%	93.3%	81.3%	0.0%	0.0%	0.0%	-
Routine Infant Or Child Health Check	38.7%	40.0%	38.6%	72.9%	80.7%	72.6%	-0.743

Table 5a. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Precocious Puberty	20.5%	6.7%	21.2%	0.0%	0.0%	0.0%	-
Short Stature	13.7%	13.3%	13.7%	0.2%	0.7%	0.2%	0.547
Need Prophylactic Vaccination&inoculation Flu	13.4%	6.7%	13.7%	15.6%	26.7%	15.1%	-0.062
Acute Pharyngitis	10.7%	6.7%	10.9%	7.4%	5.9%	7.4%	0.116
Other Unknown&unspec Cause Morbidity/Mortality	8.3%	20.0%	7.8%	5.5%	5.9%	5.5%	0.123
Encounter Rtn Child Health Exam W/O Abnorml Find	7.7%	0.0%	8.1%	18.6%	10.4%	18.9%	-0.334
Encounter For Immunization	6.8%	6.7%	6.9%	9.5%	5.9%	9.6%	-0.096
Acute Urin Of Unspecified Site	6.5%	6.7%	6.5%	4.6%	6.7%	4.5%	0.085
Other Adrenocortical Overactivity	6.3%	6.7%	6.2%	0.0%	0.0%	0.0%	-
Add Of Childhood With Hyperactivity	6.0%	0.0%	6.2%	4.6%	4.4%	4.6%	0.06
Streptococcal Sore Throat	5.1%	0.0%	5.3%	3.4%	7.4%	3.2%	0.084
Headache	4.8%	6.7%	4.7%	1.0%	0.0%	1.1%	0.223
Acute Sinusitis, Unspecified	4.5%	0.0%	4.7%	1.4%	1.5%	1.4%	0.181
Unspecified Viral Infection In Cce & Uns Site	4.2%	13.3%	3.7%	1.9%	0.7%	2.0%	0.129
Abnormal Weight Gain	3.9%	0.0%	4.0%	0.5%	0.0%	0.5%	0.231
Allergic Rhinitis Cause Unspecified	3.6%	0.0%	3.7%	2.1%	3.7%	2.0%	0.088
Asthma, Unspecified, Unspecified Status	3.6%	6.7%	3.4%	1.2%	2.2%	1.2%	0.156
Oth Symptoms Concerning Nutrition Metab&dvlp	3.6%	0.0%	3.7%	0.0%	0.0%	0.0%	-
Unspecified Otitis Media	3.3%	6.7%	3.1%	1.6%	2.2%	1.6%	0.107
Fever Unspecified	3.3%	6.7%	3.1%	1.5%	0.0%	1.6%	0.117
Pituitary Dwarfism	3.3%	6.7%	3.1%	0.0%	0.0%	0.0%	-
Nonspecific Abnorm Rslts Oth Endocrn Funct Study	3.3%	6.7%	3.1%	0.0%	0.0%	0.0%	-
Dietary Surveillance And Counseling	3.0%	0.0%	3.1%	4.0%	4.4%	4.0%	-0.081
Acute Pharyngitis Unspecified	3.0%	0.0%	3.1%	1.9%	0.7%	2.0%	0.067
Obesity, Unspecified	3.0%	6.7%	2.8%	0.8%	1.5%	0.8%	0.167

Table 5a. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD (all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Autistic Disorder Current Or Active State	3.0%	0.0%	3.1%	0.5%	0.7%	0.5%	0.192
Other Disorders Of Bone And Cartilage	3.0%	6.7%	2.8%	0.1%	0.0%	0.1%	0.232
Other							
Encounter Rtn Child Health Exam W/Abnormal Find	2.7%	0.0%	2.8%	3.3%	2.2%	3.3%	-0.037
Exercise Counseling	2.7%	0.0%	2.8%	2.0%	0.7%	2.0%	0.055
Attn-Deficit Hyperactivity D/O Combined Type	2.4%	0.0%	2.5%	1.1%	0.7%	1.1%	0.101
Need Proph Vacc&inoculat Against Viral Hep	2.1%	0.0%	2.2%	3.1%	0.7%	3.2%	-0.067
Unspecified Constipation	2.1%	0.0%	2.2%	0.4%	0.7%	0.4%	0.147
Body Mass Index Bmi Ped >/Equal 95th% For Age	2.1%	0.0%	2.2%	0.1%	0.0%	0.1%	0.203
Other Hyperfunction Of Pituitary Gland	2.1%	0.0%	2.2%	0.0%	0.0%	0.0%	-
Oth Spec D/O Bone Density Structure Uns Site	2.1%	6.7%	1.9%	0.0%	0.0%	0.0%	-
Laboratory Examination Unspecified	2.1%	0.0%	2.2%	0.0%	0.0%	0.0%	-
Other Specified Counseling	1.8%	0.0%	1.9%	2.4%	2.2%	2.4%	-0.052
Other Examination Of Ears And Hearing	1.8%	0.0%	1.9%	2.4%	3.7%	2.3%	-0.043
Add Childhood Without Mention Hyperactivity	1.8%	6.7%	1.6%	0.9%	3.0%	0.8%	0.081
Unspecified Viral Warts	1.8%	0.0%	1.9%	0.5%	0.0%	0.5%	0.125
Unspecified Hypothyroidism	1.8%	6.7%	1.6%	0.1%	0.0%	0.2%	0.167
Unspecified Vitamin D Deficiency	1.8%	0.0%	1.9%	0.0%	0.0%	0.0%	0.186
Neoplasm Of Unspecified Nature Of Brain	1.8%	0.0%	1.9%	0.0%	0.0%	0.0%	-
Cough	1.5%	0.0%	1.6%	1.1%	1.5%	1.1%	0.037
Acute Bronchitis	1.5%	6.7%	1.2%	0.4%	0.0%	0.5%	0.106
Dietary Counseling And Surveillance	1.5%	0.0%	1.6%	0.5%	0.7%	0.5%	0.118
Other Specified Counseling	1.5%	0.0%	1.6%	0.5%	0.7%	0.5%	0.118
Allergic Rhinitis Due To Other Allergen	1.5%	0.0%	1.6%	0.2%	1.5%	0.2%	0.14

Table 5a. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	5.4%	13.3%	5.0%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	5.4%	0.0%	5.6%	0.0%	0.0%	0.0%	-
Amoxicillin	3.3%	0.0%	3.4%	2.5%	3.7%	2.4%	0.046
Leuprolide Acetate	3.3%	0.0%	3.4%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	3.0%	0.0%	3.1%	1.6%	1.5%	1.6%	0.095
Leuprolide Acetate	3.0%	0.0%	3.1%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.7%	0.0%	2.8%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.4%	0.0%	2.5%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	2.1%	0.0%	2.2%	0.0%	0.0%	0.0%	0.203
Leuprolide Acetate	1.8%	0.0%	1.9%	0.0%	0.0%	0.0%	-
Montelukast Sodium	1.2%	0.0%	1.2%	0.7%	2.2%	0.6%	0.052
Cephalexin	1.2%	0.0%	1.2%	0.3%	0.0%	0.3%	0.104
Azithromycin	1.2%	0.0%	1.2%	0.1%	0.0%	0.1%	0.133
Leuprolide Acetate	1.2%	0.0%	1.2%	0.0%	0.0%	0.0%	-
Methylphenidate Hcl	0.9%	0.0%	0.9%	0.3%	0.0%	0.3%	0.082
Amoxicillin	0.9%	0.0%	0.9%	0.3%	0.0%	0.3%	0.077
Oseltamivir Phosphate	0.9%	0.0%	0.9%	0.1%	0.0%	0.1%	0.115
Ciprofloxacin Hcl/Dexamethasone	0.9%	6.7%	0.6%	0.1%	0.0%	0.1%	0.109
Penicillin V Potassium ³	0.9%	0.0%	0.9%	0.1%	0.0%	0.1%	0.123
Epinephrine	0.6%	0.0%	0.6%	0.2%	0.0%	0.2%	0.061

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 5b. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD (all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Patients (N)	432 (100.0%)	19 (100.0%)	413 (100.0%)	432 (100.0%)	14 (100.0%)	418 (100.0%)	-
Follow-up time (person-days; mean, SD)	1,014.5 (918.8)	865.4 (630.7)	1,021.4 (926.3)	1,021.1 (962.1)	762.7 (531.5)	1,029.7 (971.4)	-0.007
Characteristics							
Mean age (years)	9.1 (1.8)	9.2 (0.8)	9.1 (1.8)	9.1 (1.7)	8.8 (2.3)	9.1 (1.7)	0.009
Age (years)							
0-2	9 (2.1%)	0 (0.0%)	9 (2.2%)	10 (2.2%)	1 (8.1%)	9 (2.0%)	-0.011
3-4	5 (1.2%)	0 (0.0%)	5 (1.2%)	4 (0.9%)	0 (1.8%)	4 (0.9%)	0.025
5-6	25 (5.8%)	0 (0.0%)	25 (6.1%)	26 (6.1%)	1 (4.5%)	26 (6.2%)	-0.015
7-8	120 (27.8%)	8 (42.1%)	112 (27.1%)	118 (27.2%)	3 (22.0%)	115 (27.4%)	0.012
9-10	273 (63.2%)	11 (57.9%)	262 (63.4%)	274 (63.5%)	9 (63.7%)	265 (63.5%)	-0.006
Race ¹							
American Indian or Alaska Native	1 (0.2%)	1 (5.3%)	0 (0.0%)	0 (0.1%)	0 (0.0%)	0 (0.1%)	0.036
Asian	7 (1.6%)	0 (0.0%)	7 (1.7%)	6 (1.5%)	0 (0.0%)	6 (1.5%)	0.014
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.4%)	21 (5.0%)	0 (0.7%)	21 (5.1%)	-0.095
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	1 (0.2%)	-
Unknown	363 (84.0%)	17 (89.5%)	346 (83.8%)	356 (82.5%)	13 (89.6%)	344 (82.2%)	0.057
White	47 (10.9%)	1 (5.3%)	46 (11.1%)	47 (10.8%)	1 (9.6%)	45 (10.8%)	0.003
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.1%)	0 (0.0%)	0 (0.1%)	0.039
Short-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 5b. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD (all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	82.1%	93.3%	81.5%	79.5%	96.6%	78.9%	0.066
Routine Infant Or Child Health Check	38.3%	40.0%	38.2%	46.3%	43.2%	46.4%	-0.163
Precocious Puberty	20.4%	6.7%	21.0%	19.1%	3.4%	19.6%	0.032
Short Stature	14.0%	13.3%	14.0%	7.1%	7.2%	7.1%	0.225
Need Prophylactic Vaccination&inoculation Flu	12.8%	6.7%	13.1%	13.3%	25.1%	12.9%	-0.016
Acute Pharyngitis	10.9%	6.7%	11.1%	10.6%	14.2%	10.5%	0.01
Other Unknown&unspec Cause Morbidity/Mortality	8.5%	20.0%	8.0%	6.1%	7.4%	6.0%	0.105
Encounter Rtn Child Health Exam W/O Abnorml Find	7.3%	0.0%	7.6%	9.1%	2.5%	9.3%	-0.066
Encounter For Immunization	6.4%	6.7%	6.4%	6.5%	1.6%	6.7%	-0.007
Acute Uris Of Unspecified Site	6.4%	6.7%	6.4%	5.3%	13.6%	5.0%	0.047
Add Of Childhood With Hyperactivity	6.1%	0.0%	6.4%	4.9%	4.8%	4.9%	0.053
Other Adrenocortical Overactivity	6.1%	6.7%	6.1%	3.3%	0.0%	3.4%	0.134
Streptococcal Sore Throat	5.2%	0.0%	5.4%	4.7%	6.6%	4.6%	0.022
Headache	4.9%	6.7%	4.8%	2.2%	3.8%	2.1%	0.146
Asthma, Unspecified, Unspecified Status	4.6%	6.7%	4.5%	2.0%	3.2%	2.0%	0.145
Acute Sinusitis, Unspecified	4.6%	0.0%	4.8%	1.6%	3.8%	1.5%	0.175
Unspecified Viral Infection In Cce & Uns Site	4.3%	13.3%	3.8%	3.2%	2.1%	3.3%	0.053
Abnormal Weight Gain	4.0%	0.0%	4.1%	2.6%	1.9%	2.7%	0.073
Allergic Rhinitis Cause Unspecified	3.6%	0.0%	3.8%	2.8%	7.6%	2.7%	0.046
Oth Symptoms Concerning Nutrition Metab&dvlp	3.6%	0.0%	3.8%	1.9%	0.9%	1.9%	0.108
Fever Unspecified	3.3%	6.7%	3.2%	2.8%	3.2%	2.8%	0.032
Pituitary Dwarfism	3.3%	6.7%	3.2%	1.3%	1.6%	1.3%	0.132
Unspecified Otitis Media	3.3%	6.7%	3.2%	1.0%	0.0%	1.0%	0.163

Table 5b. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD (all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Nonspecific Abnorm Rslts Oth Endocrn Funct Study	3.3%	6.7%	3.2%	0.4%	0.0%	0.5%	0.213
Acute Pharyngitis Unspecified	3.0%	0.0%	3.2%	2.4%	1.6%	2.4%	0.041
Autistic Disorder Current Or Active State	3.0%	0.0%	3.2%	2.0%	0.9%	2.0%	0.068
Other Disorders Of Bone And Cartilage Other	3.0%	6.7%	2.9%	1.1%	0.0%	1.1%	0.14
Encounter Rtn Child Health Exam W/Abnormal Find	2.7%	0.0%	2.9%	3.4%	0.0%	3.5%	-0.039
Dietary Surveillance And Counseling	2.4%	0.0%	2.5%	2.7%	4.8%	2.7%	-0.025
Obesity, Unspecified	2.4%	6.7%	2.2%	2.5%	0.0%	2.6%	-0.006
Attn-Deficit Hyperactivity D/O Combined Type	2.4%	0.0%	2.5%	0.8%	0.0%	0.9%	0.127
Need Proph Vacc&inoculat Against Viral Hep	2.1%	0.0%	2.2%	2.0%	1.9%	2.0%	0.012
Exercise Counseling	2.1%	0.0%	2.2%	1.8%	2.9%	1.8%	0.027
Unspecified Constipation	2.1%	0.0%	2.2%	1.2%	0.9%	1.2%	0.074
Laboratory Examination Unspecified	2.1%	0.0%	2.2%	0.9%	0.0%	0.9%	0.105
Oth Spec D/O Bone Density Structure Uns Site	2.1%	6.7%	1.9%	0.3%	0.0%	0.3%	0.168
Other Hyperfunction Of Pituitary Gland	2.1%	0.0%	2.2%	0.1%	0.0%	0.1%	0.192
Other Specified Counseling	1.8%	0.0%	1.9%	2.0%	4.8%	1.9%	-0.018
Dietary Counseling And Surveillance	1.8%	0.0%	1.9%	1.4%	0.9%	1.4%	0.039
Add Childhood Without Mention Hyperactivity	1.8%	6.7%	1.6%	1.3%	0.0%	1.3%	0.046
Unspecified Viral Warts	1.8%	0.0%	1.9%	0.8%	0.0%	0.8%	0.09
Other Specified Counseling	1.8%	0.0%	1.9%	1.0%	0.9%	1.0%	0.077
Unspecified Hypothyroidism	1.8%	6.7%	1.6%	0.7%	0.0%	0.7%	0.102
Body Mass Index Bmi Ped >/Equal 95th% For Age	1.8%	0.0%	1.9%	0.2%	0.0%	0.3%	0.168
Cough	1.5%	0.0%	1.6%	1.8%	3.8%	1.7%	-0.019
Myopia	1.5%	0.0%	1.6%	1.5%	0.9%	1.5%	0

Table 5b. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD (all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Lack Normal Physiological Development Unspec	1.5%	0.0%	1.6%	1.1%	3.4%	1.0%	0.041
Acute Bronchitis	1.5%	6.7%	1.3%	0.6%	2.0%	0.5%	0.094
Lack Of Coordination	1.5%	0.0%	1.6%	0.5%	2.3%	0.5%	0.096
Unspecified Vitamin D Deficiency	1.5%	0.0%	1.6%	0.3%	0.9%	0.3%	0.127
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	5.5%	13.3%	5.1%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	5.2%	0.0%	5.4%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	0.0%	3.5%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	0.0%	3.5%	0.0%	0.0%	0.0%	-
Amoxicillin	3.0%	0.0%	3.2%	2.4%	4.7%	2.3%	0.04
Albuterol Sulfate	2.7%	0.0%	2.9%	1.6%	2.0%	1.5%	0.083
Leuprolide Acetate	2.7%	0.0%	2.9%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.1%	0.0%	2.2%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	1.8%	0.0%	1.9%	0.3%	0.0%	0.3%	0.157
Leuprolide Acetate	1.8%	0.0%	1.9%	0.0%	0.0%	0.0%	-
Amoxicillin	1.2%	0.0%	1.3%	0.6%	2.0%	0.6%	0.064
Montelukast Sodium	1.2%	0.0%	1.3%	0.4%	0.0%	0.4%	0.095
Cephalexin	1.2%	0.0%	1.3%	0.2%	0.0%	0.2%	0.119
Azithromycin	1.2%	0.0%	1.3%	0.1%	0.0%	0.1%	0.133
Leuprolide Acetate	1.2%	0.0%	1.3%	0.0%	0.0%	0.0%	-
Ciprofloxacin Hcl/Dexamethasone	0.9%	6.7%	0.6%	0.4%	0.9%	0.3%	0.069
Methylphenidate Hcl ³	0.9%	0.0%	1.0%	0.2%	0.0%	0.2%	0.104
Epinephrine	0.6%	0.0%	0.6%	0.5%	0.0%	0.5%	0.02
Oseltamivir Phosphate	0.6%	0.0%	0.6%	0.2%	0.0%	0.2%	0.074
Amoxicillin	0.6%	0.0%	0.6%	0.3%	1.6%	0.2%	0.055

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 5c. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP						Weighted SMD (all)
	Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Patients (N)	439 (100.0%)	59 (100.0%)	380 (100.0%)	439 (100.0%)	53 (100.0%)	386 (100.0%)	-
Follow-up time (person-days; mean, SD)	937.0 (871.2)	772.0 (619.0)	962.6 (900.5)	921.7 (954.3)	958.8 (823.9)	916.6 (968.6)	0.017
Characteristics							
Mean age (years)	9.1 (1.8)	9.1 (1.1)	9.0 (1.9)	9.1 (1.8)	9.5 (1.4)	9.0 (1.8)	0
Age (years)							
0-2	11 (2.5%)	0 (0.0%)	11 (2.9%)	11 (2.5%)	0 (0.8%)	11 (2.7%)	0
3-4	5 (1.1%)	0 (0.0%)	5 (1.3%)	5 (1.1%)	1 (1.5%)	4 (1.1%)	0
5-6	26 (5.9%)	3 (5.1%)	23 (6.1%)	26 (5.9%)	2 (4.4%)	24 (6.1%)	0
7-8	123 (28.0%)	24 (40.7%)	99 (26.1%)	123 (28.0%)	11 (19.9%)	113 (29.1%)	-
9-10	274 (62.4%)	32 (54.2%)	242 (63.7%)	274 (62.4%)	39 (73.5%)	235 (60.9%)	0
Race ¹							
American Indian or Alaska Native	1 (0.2%)	1 (1.7%)	0 (0.0%)	1 (0.3%)	1 (0.9%)	1 (0.2%)	-0.009
Asian	8 (1.8%)	0 (0.0%)	8 (2.1%)	8 (1.8%)	1 (2.1%)	7 (1.8%)	0.002
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.7%)	13 (2.9%)	2 (3.8%)	11 (2.8%)	0.017
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	-
Unknown	366 (83.4%)	50 (84.7%)	316 (83.2%)	367 (83.6%)	40 (75.0%)	328 (84.8%)	-0.01
White	50 (11.4%)	8 (13.6%)	42 (11.1%)	49 (11.3%)	10 (18.2%)	40 (10.3%)	-
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	1 (0.2%)	0 (0.0%)	1 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 5c. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP						Weighted SMD (all)
	Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	81.8%	93.5%	80.0%	0.0%	0.0%	0.0%	-
Routine Infant Or Child Health Check	38.7%	43.5%	37.9%	72.9%	84.9%	71.2%	-0.743
Precocious Puberty	20.5%	8.7%	22.4%	0.0%	0.0%	0.0%	-
Short Stature	13.7%	10.9%	14.1%	0.2%	0.2%	0.2%	0.547
Need Prophylactic	13.4%	15.2%	13.1%	15.6%	18.5%	15.2%	-0.062
Vaccination&inoculation Flu							
Acute Pharyngitis	10.7%	13.0%	10.3%	7.4%	8.1%	7.3%	0.116
Other Unknown&unspec Cause Morbidity/Mortality	8.3%	15.2%	7.2%	5.5%	5.9%	5.5%	0.123
Encounter Rtn Child Health Exam W/O Abnorml Find	7.7%	2.2%	8.6%	18.6%	8.1%	20.0%	-0.334
Encounter For Immunization	6.8%	4.3%	7.2%	9.5%	3.5%	10.3%	-0.096
Acute Uris Of Unspecified Site	6.5%	8.7%	6.2%	4.6%	4.0%	4.7%	0.085
Other Adrenocortical Overactivity	6.3%	2.2%	6.9%	0.0%	0.0%	0.0%	-
Add Of Childhood With Hyperactivity	6.0%	2.2%	6.6%	4.6%	3.5%	4.8%	0.06
Streptococcal Sore Throat	5.1%	2.2%	5.5%	3.4%	5.7%	3.0%	0.084
Headache	4.8%	2.2%	5.2%	1.0%	0.0%	1.2%	0.223
Acute Sinusitis, Unspecified	4.5%	2.2%	4.8%	1.4%	1.7%	1.4%	0.181
Unspecified Viral Infection In Cce & Uns Site	4.2%	8.7%	3.4%	1.9%	2.0%	1.9%	0.129
Abnormal Weight Gain	3.9%	4.3%	3.8%	0.5%	0.5%	0.5%	0.231
Allergic Rhinitis Cause Unspecified	3.6%	0.0%	4.1%	2.1%	2.7%	2.0%	0.088
Asthma, Unspecified, Unspecified Status	3.6%	2.2%	3.8%	1.2%	2.0%	1.1%	0.156
Oth Symptoms Concerning Nutrition Metab&dvlp	3.6%	8.7%	2.8%	0.0%	0.0%	0.0%	-
Unspecified Otitis Media	3.3%	4.3%	3.1%	1.6%	2.5%	1.5%	0.107
Fever Unspecified	3.3%	6.5%	2.8%	1.5%	0.7%	1.6%	0.117
Pituitary Dwarfism	3.3%	4.3%	3.1%	0.0%	0.0%	0.0%	-

Table 5c. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP						Weighted SMD (all)
	Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Nonspecific Abnorm Rslts Oth Endocrn Funct Study	3.3%	4.3%	3.1%	0.0%	0.0%	0.0%	-
Dietary Surveillance And Counseling	3.0%	0.0%	3.4%	4.0%	8.6%	3.4%	-0.081
Acute Pharyngitis Unspecified	3.0%	0.0%	3.4%	1.9%	0.7%	2.1%	0.067
Obesity, Unspecified	3.0%	8.7%	2.1%	0.8%	1.0%	0.8%	0.167
Autistic Disorder Current Or Active State	3.0%	0.0%	3.4%	0.5%	0.5%	0.5%	0.192
Other Disorders Of Bone And Cartilage Other	3.0%	8.7%	2.1%	0.1%	0.2%	0.1%	0.232
Encounter Rtn Child Health Exam W/Abnormal Find	2.7%	0.0%	3.1%	3.3%	1.2%	3.6%	-0.037
Exercise Counseling	2.7%	0.0%	3.1%	2.0%	2.7%	1.9%	0.055
Attn-Deficit Hyperactivity D/O Combined Type	2.4%	0.0%	2.8%	1.1%	0.2%	1.2%	0.101
Need Proph Vacc&inoculat Against Viral Hep	2.1%	2.2%	2.1%	3.1%	2.5%	3.2%	-0.067
Unspecified Constipation	2.1%	2.2%	2.1%	0.4%	0.7%	0.4%	0.147
Body Mass Index Bmi Ped >/Equal 95th% For Age	2.1%	0.0%	2.4%	0.1%	0.2%	0.1%	0.203
Other Hyperfunction Of Pituitary Gland	2.1%	4.3%	1.7%	0.0%	0.0%	0.0%	-
Oth Spec D/O Bone Density Structure Uns Site	2.1%	2.2%	2.1%	0.0%	0.0%	0.0%	-
Laboratory Examination Unspecified	2.1%	4.3%	1.7%	0.0%	0.0%	0.0%	-
Other Specified Counseling	1.8%	0.0%	2.1%	2.4%	4.7%	2.0%	-0.052
Other Examination Of Ears And Hearing	1.8%	2.2%	1.7%	2.4%	3.0%	2.3%	-0.043
Add Childhood Without Mention Hyperactivity	1.8%	4.3%	1.4%	0.9%	1.2%	0.8%	0.081
Unspecified Viral Warts	1.8%	2.2%	1.7%	0.5%	0.0%	0.5%	0.125
Unspecified Hypothyroidism	1.8%	4.3%	1.4%	0.1%	0.0%	0.2%	0.167
Unspecified Vitamin D Deficiency	1.8%	0.0%	2.1%	0.0%	0.0%	0.0%	0.186
Neoplasm Of Unspecified Nature Of Brain	1.8%	0.0%	2.1%	0.0%	0.0%	0.0%	-
Cough	1.5%	2.2%	1.4%	1.1%	1.0%	1.1%	0.037

Table 5c. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP						Weighted SMD (all)
	Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Acute Bronchitis	1.5%	4.3%	1.0%	0.4%	0.2%	0.5%	0.106
Dietary Counseling And Surveillance	1.5%	0.0%	1.7%	0.5%	0.5%	0.5%	0.118
Other Specified Counseling	1.5%	0.0%	1.7%	0.5%	0.5%	0.5%	0.118
Allergic Rhinitis Due To Other Allergen	1.5%	0.0%	1.7%	0.2%	0.7%	0.1%	0.14
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	5.4%	8.7%	4.8%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	5.4%	6.5%	5.2%	0.0%	0.0%	0.0%	-
Amoxicillin	3.3%	0.0%	3.8%	2.5%	2.7%	2.5%	0.046
Leuprolide Acetate	3.3%	2.2%	3.4%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	3.0%	0.0%	3.4%	1.6%	2.2%	1.5%	0.095
Leuprolide Acetate	3.0%	2.2%	3.1%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.7%	0.0%	3.1%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.4%	2.2%	2.4%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	2.1%	2.2%	2.1%	0.0%	0.0%	0.0%	0.203
Leuprolide Acetate	1.8%	0.0%	2.1%	0.0%	0.0%	0.0%	-
Montelukast Sodium	1.2%	0.0%	1.4%	0.7%	1.2%	0.6%	0.052
Cephalexin	1.2%	2.2%	1.0%	0.3%	0.2%	0.3%	0.104
Azithromycin	1.2%	0.0%	1.4%	0.1%	0.5%	0.1%	0.133
Leuprolide Acetate	1.2%	6.5%	0.3%	0.0%	0.0%	0.0%	-
Methylphenidate Hcl	0.9%	0.0%	1.0%	0.3%	0.0%	0.3%	0.082
Amoxicillin	0.9%	0.0%	1.0%	0.3%	0.0%	0.3%	0.077
Oseltamivir Phosphate	0.9%	0.0%	1.0%	0.1%	0.0%	0.1%	0.115
Ciprofloxacin Hcl/Dexamethasone	0.9%	4.3%	0.3%	0.1%	0.2%	0.1%	0.109
Penicillin V Potassium ³	0.9%	0.0%	1.0%	0.1%	0.0%	0.1%	0.123
Epinephrine	0.6%	0.0%	0.7%	0.2%	0.0%	0.2%	0.061

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 5d. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (N)	439 (100.0%)	0 (0.0%)	439 (100.0%)	439 (100.0%)	0 (0.0%)	439 (100.0%)	-
Follow-up time (person-days; mean, SD)	1,069.9 (948.5)	-	1,069.9 (948.5)	1,066.8 (1088.7)	-	1,066.8 (1088.7)	0.003
Characteristics							
Mean age (years)	9.1 (1.8)	-	9.1 (1.8)	9.1 (1.8)	-	9.1 (1.8)	0
Age (years)							
0-2	11 (2.5%)	0 (0.0%)	11 (2.5%)	11 (2.5%)	0 (0.0%)	11 (2.5%)	0
3-4	5 (1.1%)	0 (0.0%)	5 (1.1%)	5 (1.1%)	0 (0.0%)	5 (1.1%)	0
5-6	26 (5.9%)	0 (0.0%)	26 (5.9%)	26 (5.9%)	0 (0.0%)	26 (5.9%)	0
7-8	123 (28.0%)	0 (0.0%)	123 (28.0%)	123 (28.0%)	0 (0.0%)	123 (28.0%)	-
9-10	274 (62.4%)	0 (0.0%)	274 (62.4%)	274 (62.4%)	0 (0.0%)	274 (62.4%)	0
Race ¹							
American Indian or Alaska Native	1 (0.2%)	0 (0.0%)	1 (0.2%)	1 (0.3%)	0 (0.0%)	1 (0.3%)	-0.009
Asian	8 (1.8%)	0 (0.0%)	8 (1.8%)	8 (1.8%)	0 (0.0%)	8 (1.8%)	0.002
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.2%)	13 (2.9%)	0 (0.0%)	13 (2.9%)	0.017
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	-
Unknown	366 (83.4%)	0 (0.0%)	366 (83.4%)	367 (83.6%)	0 (0.0%)	367 (83.6%)	-0.01
White	50 (11.4%)	0 (0.0%)	50 (11.4%)	49 (11.3%)	0 (0.0%)	49 (11.3%)	-
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 5d. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	81.8%	0.0%	81.8%	0.0%	0.0%	0.0%	-
Routine Infant Or Child Health Check	38.7%	0.0%	38.7%	72.9%	0.0%	72.9%	-0.743
Precocious Puberty	20.5%	0.0%	20.5%	0.0%	0.0%	0.0%	-
Short Stature	13.7%	0.0%	13.7%	0.2%	0.0%	0.2%	0.547
Need Prophylactic	13.4%	0.0%	13.4%	15.6%	0.0%	15.6%	-0.062
Vaccination&inoculation Flu							
Acute Pharyngitis	10.7%	0.0%	10.7%	7.4%	0.0%	7.4%	0.116
Other Unknown&unspec Cause Morbidity/Mortality	8.3%	0.0%	8.3%	5.5%	0.0%	5.5%	0.123
Encounter Rtn Child Health Exam W/O Abnorml Find	7.7%	0.0%	7.7%	18.6%	0.0%	18.6%	-0.334
Encounter For Immunization	6.8%	0.0%	6.8%	9.5%	0.0%	9.5%	-0.096
Acute Uris Of Unspecified Site	6.5%	0.0%	6.5%	4.6%	0.0%	4.6%	0.085
Other Adrenocortical Overactivity	6.3%	0.0%	6.3%	0.0%	0.0%	0.0%	-
Add Of Childhood With Hyperactivity	6.0%	0.0%	6.0%	4.6%	0.0%	4.6%	0.06
Streptococcal Sore Throat	5.1%	0.0%	5.1%	3.4%	0.0%	3.4%	0.084
Headache	4.8%	0.0%	4.8%	1.0%	0.0%	1.0%	0.223
Acute Sinusitis, Unspecified	4.5%	0.0%	4.5%	1.4%	0.0%	1.4%	0.181
Unspecified Viral Infection In Cce & Uns Site	4.2%	0.0%	4.2%	1.9%	0.0%	1.9%	0.129
Abnormal Weight Gain	3.9%	0.0%	3.9%	0.5%	0.0%	0.5%	0.231
Allergic Rhinitis Cause Unspecified	3.6%	0.0%	3.6%	2.1%	0.0%	2.1%	0.088
Asthma, Unspecified, Unspecified Status	3.6%	0.0%	3.6%	1.2%	0.0%	1.2%	0.156
Oth Symptoms Concerning Nutrition Metab&dvlp	3.6%	0.0%	3.6%	0.0%	0.0%	0.0%	-
Unspecified Otitis Media	3.3%	0.0%	3.3%	1.6%	0.0%	1.6%	0.107
Fever Unspecified	3.3%	0.0%	3.3%	1.5%	0.0%	1.5%	0.117
Pituitary Dwarfism	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-

Table 5d. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Nonspecific Abnorm Rslts Oth Endocrn Funct Study	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-
Dietary Surveillance And Counseling	3.0%	0.0%	3.0%	4.0%	0.0%	4.0%	-0.081
Acute Pharyngitis Unspecified	3.0%	0.0%	3.0%	1.9%	0.0%	1.9%	0.067
Obesity, Unspecified	3.0%	0.0%	3.0%	0.8%	0.0%	0.8%	0.167
Autistic Disorder Current Or Active State	3.0%	0.0%	3.0%	0.5%	0.0%	0.5%	0.192
Other Disorders Of Bone And Cartilage Other	3.0%	0.0%	3.0%	0.1%	0.0%	0.1%	0.232
Encounter Rtn Child Health Exam W/Abnormal Find	2.7%	0.0%	2.7%	3.3%	0.0%	3.3%	-0.037
Exercise Counseling	2.7%	0.0%	2.7%	2.0%	0.0%	2.0%	0.055
Attn-Deficit Hyperactivity D/O Combined Type	2.4%	0.0%	2.4%	1.1%	0.0%	1.1%	0.101
Need Proph Vacc&inoculat Against Viral Hep	2.1%	0.0%	2.1%	3.1%	0.0%	3.1%	-0.067
Unspecified Constipation	2.1%	0.0%	2.1%	0.4%	0.0%	0.4%	0.147
Body Mass Index Bmi Ped >/Equal 95th% For Age	2.1%	0.0%	2.1%	0.1%	0.0%	0.1%	0.203
Other Hyperfunction Of Pituitary Gland	2.1%	0.0%	2.1%	0.0%	0.0%	0.0%	-
Oth Spec D/O Bone Density Structure Uns Site	2.1%	0.0%	2.1%	0.0%	0.0%	0.0%	-
Laboratory Examination Unspecified	2.1%	0.0%	2.1%	0.0%	0.0%	0.0%	-
Other Specified Counseling	1.8%	0.0%	1.8%	2.4%	0.0%	2.4%	-0.052
Other Examination Of Ears And Hearing	1.8%	0.0%	1.8%	2.4%	0.0%	2.4%	-0.043
Add Childhood Without Mention Hyperactivity	1.8%	0.0%	1.8%	0.9%	0.0%	0.9%	0.081
Unspecified Viral Warts	1.8%	0.0%	1.8%	0.5%	0.0%	0.5%	0.125
Unspecified Hypothyroidism	1.8%	0.0%	1.8%	0.1%	0.0%	0.1%	0.167
Unspecified Vitamin D Deficiency	1.8%	0.0%	1.8%	0.0%	0.0%	0.0%	0.186
Neoplasm Of Unspecified Nature Of Brain	1.8%	0.0%	1.8%	0.0%	0.0%	0.0%	-
Cough	1.5%	0.0%	1.5%	1.1%	0.0%	1.1%	0.037

Table 5d. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Acute Bronchitis	1.5%	0.0%	1.5%	0.4%	0.0%	0.4%	0.106
Dietary Counseling And Surveillance	1.5%	0.0%	1.5%	0.5%	0.0%	0.5%	0.118
Other Specified Counseling	1.5%	0.0%	1.5%	0.5%	0.0%	0.5%	0.118
Allergic Rhinitis Due To Other Allergen	1.5%	0.0%	1.5%	0.2%	0.0%	0.2%	0.14
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	5.4%	0.0%	5.4%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	5.4%	0.0%	5.4%	0.0%	0.0%	0.0%	-
Amoxicillin	3.3%	0.0%	3.3%	2.5%	0.0%	2.5%	0.046
Leuprolide Acetate	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	3.0%	0.0%	3.0%	1.6%	0.0%	1.6%	0.095
Leuprolide Acetate	3.0%	0.0%	3.0%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.7%	0.0%	2.7%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.4%	0.0%	2.4%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	2.1%	0.0%	2.1%	0.0%	0.0%	0.0%	0.203
Leuprolide Acetate	1.8%	0.0%	1.8%	0.0%	0.0%	0.0%	-
Montelukast Sodium	1.2%	0.0%	1.2%	0.7%	0.0%	0.7%	0.052
Cephalexin	1.2%	0.0%	1.2%	0.3%	0.0%	0.3%	0.104
Azithromycin	1.2%	0.0%	1.2%	0.1%	0.0%	0.1%	0.133
Leuprolide Acetate	1.2%	0.0%	1.2%	0.0%	0.0%	0.0%	-
Methylphenidate Hcl	0.9%	0.0%	0.9%	0.3%	0.0%	0.3%	0.082
Amoxicillin	0.9%	0.0%	0.9%	0.3%	0.0%	0.3%	0.077
Osetamivir Phosphate	0.9%	0.0%	0.9%	0.1%	0.0%	0.1%	0.115
Ciprofloxacin Hcl/Dexamethasone	0.9%	0.0%	0.9%	0.1%	0.0%	0.1%	0.109
Penicillin V Potassium ³	0.9%	0.0%	0.9%	0.1%	0.0%	0.1%	0.123
Epinephrine	0.6%	0.0%	0.6%	0.2%	0.0%	0.2%	0.061

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 5e. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD (all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Patients (N)	439 (100.0%)	0 (0.0%)	439 (100.0%)	439 (100.0%)	0 (0.0%)	439 (100.0%)	-
Follow-up time (person-days; mean, SD)	1,069.9 (948.5)	-	1,069.9 (948.5)	1,066.8 (1088.7)	-	1,066.8 (1088.7)	0.003
Characteristics							
Mean age (years)	9.1 (1.8)	-	9.1 (1.8)	9.1 (1.8)	-	9.1 (1.8)	0
Age (years)							
0-2	11 (2.5%)	0 (0.0%)	11 (2.5%)	11 (2.5%)	0 (0.0%)	11 (2.5%)	0
3-4	5 (1.1%)	0 (0.0%)	5 (1.1%)	5 (1.1%)	0 (0.0%)	5 (1.1%)	0
5-6	26 (5.9%)	0 (0.0%)	26 (5.9%)	26 (5.9%)	0 (0.0%)	26 (5.9%)	0
7-8	123 (28.0%)	0 (0.0%)	123 (28.0%)	123 (28.0%)	0 (0.0%)	123 (28.0%)	-
9-10	274 (62.4%)	0 (0.0%)	274 (62.4%)	274 (62.4%)	0 (0.0%)	274 (62.4%)	0
Race ¹							
American Indian or Alaska Native	1 (0.2%)	0 (0.0%)	1 (0.2%)	1 (0.3%)	0 (0.0%)	1 (0.3%)	-0.009
Asian	8 (1.8%)	0 (0.0%)	8 (1.8%)	8 (1.8%)	0 (0.0%)	8 (1.8%)	0.002
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.2%)	13 (2.9%)	0 (0.0%)	13 (2.9%)	0.017
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	-
Unknown	366 (83.4%)	0 (0.0%)	366 (83.4%)	367 (83.6%)	0 (0.0%)	367 (83.6%)	-0.01
White	50 (11.4%)	0 (0.0%)	50 (11.4%)	49 (11.3%)	0 (0.0%)	49 (11.3%)	-
Long-acting goserelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 5e. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD (all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	81.8%	0.0%	81.8%	0.0%	0.0%	0.0%	-
Routine Infant Or Child Health Check	38.7%	0.0%	38.7%	72.9%	0.0%	72.9%	-0.743
Precocious Puberty	20.5%	0.0%	20.5%	0.0%	0.0%	0.0%	-
Short Stature	13.7%	0.0%	13.7%	0.2%	0.0%	0.2%	0.547
Need Prophylactic	13.4%	0.0%	13.4%	15.6%	0.0%	15.6%	-0.062
Vaccination&inoculation Flu							
Acute Pharyngitis	10.7%	0.0%	10.7%	7.4%	0.0%	7.4%	0.116
Other Unknown&unspec Cause Morbidity/Mortality	8.3%	0.0%	8.3%	5.5%	0.0%	5.5%	0.123
Encounter Rtn Child Health Exam W/O Abnorml Find	7.7%	0.0%	7.7%	18.6%	0.0%	18.6%	-0.334
Encounter For Immunization	6.8%	0.0%	6.8%	9.5%	0.0%	9.5%	-0.096
Acute Uris Of Unspecified Site	6.5%	0.0%	6.5%	4.6%	0.0%	4.6%	0.085
Other Adrenocortical Overactivity	6.3%	0.0%	6.3%	0.0%	0.0%	0.0%	-
Add Of Childhood With Hyperactivity	6.0%	0.0%	6.0%	4.6%	0.0%	4.6%	0.06
Streptococcal Sore Throat	5.1%	0.0%	5.1%	3.4%	0.0%	3.4%	0.084
Headache	4.8%	0.0%	4.8%	1.0%	0.0%	1.0%	0.223
Acute Sinusitis, Unspecified	4.5%	0.0%	4.5%	1.4%	0.0%	1.4%	0.181
Unspecified Viral Infection In Cce & Uns Site	4.2%	0.0%	4.2%	1.9%	0.0%	1.9%	0.129
Abnormal Weight Gain	3.9%	0.0%	3.9%	0.5%	0.0%	0.5%	0.231
Allergic Rhinitis Cause Unspecified	3.6%	0.0%	3.6%	2.1%	0.0%	2.1%	0.088
Asthma, Unspecified, Unspecified Status	3.6%	0.0%	3.6%	1.2%	0.0%	1.2%	0.156
Oth Symptoms Concerning Nutrition Metab&dvlp	3.6%	0.0%	3.6%	0.0%	0.0%	0.0%	-
Unspecified Otitis Media	3.3%	0.0%	3.3%	1.6%	0.0%	1.6%	0.107
Fever Unspecified	3.3%	0.0%	3.3%	1.5%	0.0%	1.5%	0.117
Pituitary Dwarfism	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-

Table 5e. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD (all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Nonspecific Abnorm Rslts Oth Endocrn Funct Study	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-
Dietary Surveillance And Counseling	3.0%	0.0%	3.0%	4.0%	0.0%	4.0%	-0.081
Acute Pharyngitis Unspecified	3.0%	0.0%	3.0%	1.9%	0.0%	1.9%	0.067
Obesity, Unspecified	3.0%	0.0%	3.0%	0.8%	0.0%	0.8%	0.167
Autistic Disorder Current Or Active State	3.0%	0.0%	3.0%	0.5%	0.0%	0.5%	0.192
Other Disorders Of Bone And Cartilage Other	3.0%	0.0%	3.0%	0.1%	0.0%	0.1%	0.232
Encounter Rtn Child Health Exam W/Abnormal Find	2.7%	0.0%	2.7%	3.3%	0.0%	3.3%	-0.037
Exercise Counseling	2.7%	0.0%	2.7%	2.0%	0.0%	2.0%	0.055
Attn-Deficit Hyperactivity D/O Combined Type	2.4%	0.0%	2.4%	1.1%	0.0%	1.1%	0.101
Need Proph Vacc&inoculat Against Viral Hep	2.1%	0.0%	2.1%	3.1%	0.0%	3.1%	-0.067
Unspecified Constipation	2.1%	0.0%	2.1%	0.4%	0.0%	0.4%	0.147
Body Mass Index Bmi Ped >/Equal 95th% For Age	2.1%	0.0%	2.1%	0.1%	0.0%	0.1%	0.203
Other Hyperfunction Of Pituitary Gland	2.1%	0.0%	2.1%	0.0%	0.0%	0.0%	-
Oth Spec D/O Bone Density Structure Uns Site	2.1%	0.0%	2.1%	0.0%	0.0%	0.0%	-
Laboratory Examination Unspecified	2.1%	0.0%	2.1%	0.0%	0.0%	0.0%	-
Other Specified Counseling	1.8%	0.0%	1.8%	2.4%	0.0%	2.4%	-0.052
Other Examination Of Ears And Hearing	1.8%	0.0%	1.8%	2.4%	0.0%	2.4%	-0.043
Add Childhood Without Mention Hyperactivity	1.8%	0.0%	1.8%	0.9%	0.0%	0.9%	0.081
Unspecified Viral Warts	1.8%	0.0%	1.8%	0.5%	0.0%	0.5%	0.125
Unspecified Hypothyroidism	1.8%	0.0%	1.8%	0.1%	0.0%	0.1%	0.167
Unspecified Vitamin D Deficiency	1.8%	0.0%	1.8%	0.0%	0.0%	0.0%	0.186
Neoplasm Of Unspecified Nature Of Brain	1.8%	0.0%	1.8%	0.0%	0.0%	0.0%	-
Cough	1.5%	0.0%	1.5%	1.1%	0.0%	1.1%	0.037

Table 5e. Baseline Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD (all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Acute Bronchitis	1.5%	0.0%	1.5%	0.4%	0.0%	0.4%	0.106
Dietary Counseling And Surveillance	1.5%	0.0%	1.5%	0.5%	0.0%	0.5%	0.118
Other Specified Counseling	1.5%	0.0%	1.5%	0.5%	0.0%	0.5%	0.118
Allergic Rhinitis Due To Other Allergen	1.5%	0.0%	1.5%	0.2%	0.0%	0.2%	0.14
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	5.4%	0.0%	5.4%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	5.4%	0.0%	5.4%	0.0%	0.0%	0.0%	-
Amoxicillin	3.3%	0.0%	3.3%	2.5%	0.0%	2.5%	0.046
Leuprolide Acetate	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	3.0%	0.0%	3.0%	1.6%	0.0%	1.6%	0.095
Leuprolide Acetate	3.0%	0.0%	3.0%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.7%	0.0%	2.7%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.4%	0.0%	2.4%	0.0%	0.0%	0.0%	-
Lidocaine/Prilocaine	2.1%	0.0%	2.1%	0.0%	0.0%	0.0%	0.203
Leuprolide Acetate	1.8%	0.0%	1.8%	0.0%	0.0%	0.0%	-
Montelukast Sodium	1.2%	0.0%	1.2%	0.7%	0.0%	0.7%	0.052
Cephalexin	1.2%	0.0%	1.2%	0.3%	0.0%	0.3%	0.104
Azithromycin	1.2%	0.0%	1.2%	0.1%	0.0%	0.1%	0.133
Leuprolide Acetate	1.2%	0.0%	1.2%	0.0%	0.0%	0.0%	-
Methylphenidate Hcl	0.9%	0.0%	0.9%	0.3%	0.0%	0.3%	0.082
Amoxicillin	0.9%	0.0%	0.9%	0.3%	0.0%	0.3%	0.077
Oseltamivir Phosphate	0.9%	0.0%	0.9%	0.1%	0.0%	0.1%	0.115
Ciprofloxacin Hcl/Dexamethasone	0.9%	0.0%	0.9%	0.1%	0.0%	0.1%	0.109
Penicillin V Potassium ³	0.9%	0.0%	0.9%	0.1%	0.0%	0.1%	0.123
Epinephrine	0.6%	0.0%	0.6%	0.2%	0.0%	0.2%	0.061

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 6a. Effect Estimates for Leuprolide Acetate Exposed Children Matched with Non-Central Precocious Puberty (CPP) Controls, Major Fracture

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence Rate per 1000 Person Years	Risk per 1000 New Users	Incidence Rate Difference per 1000 Person Years	Difference in Risk per 1000 New Users	Hazard Ratio (95% CI)	Wald P-Value
Unmatched Analysis (Site-adjusted only)											
Eligible Leuprolide Acetate Exposed Children	439	1,226.34	1,020.32	2.79	19	15.49	43.28	5.57	14.53	1.45 (0.93, 2.28)	0.102
Eligible Non-CPP Controls	6,739,063	19,523,714.76	1,058.16	2.90	193,777	9.93	28.75				
1:many Matched Conditional Analysis											
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls	439	1,146.65	954.02	2.61	19	16.57	43.28	0.68	20.96	1.07 (0.64, 1.77)	0.807
Matched Non-CPP Controls	4,390	6,169.19	513.28	1.41	98	15.89	22.32				

Table 6b. Effect Estimates for Leuprolide Acetate Exposed Children Matched with Central Precocious Puberty (CPP) Controls, Major Fracture

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence Rate per 1000 Person Years	Risk per 1000 New Users	Incidence Rate Difference per 1000 Person Years	Difference in Risk per 1000 New Users	Hazard Ratio (95% CI)	Wald P-Value
Unmatched Analysis (Site-adjusted only)											
Eligible Leuprolide Acetate Exposed Children	439	1,226.34	1,020.32	2.79	19	15.49	43.28	4.13	10.83	.35 (0.85, 2.15)	0.208
Eligible CPP Controls	10,509	29,996.24	1,042.55	2.85	341	11.37	32.45				
1:many Matched Conditional Analysis											
Leuprolide Acetate Exposed Children Matched with CPP Controls	432	1,064.22	899.78	2.46	18	16.91	41.67	3.39	22.67	.28 (0.75, 2.20)	0.362
Matched CPP Controls	3,474	4,880.93	513.17	1.40	66	13.52	19.00				

Table 6c. Effect Estimates for Leuprolide Acetate Exposed Children Matched with Non-Central Precocious Puberty (CPP) Controls, Any Fracture

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence Rate per 1000 Person Years	Risk per 1000 New Users	Incidence Rate Difference per 1000 Person Years	Difference in Risk per 1000 New Users	Hazard Ratio (95% CI)	Wald P-Value
Unmatched Analysis (Site-adjusted only)											
Eligible Leuprolide Acetate Exposed Children	439	1,126.21	937.01	2.57	59	52.39	134.40	24.73	58.44	1.89 (1.47, 2.44)	<0.001
Eligible Non-CPP Controls	6,739,063	18,508,746.14	1,003.15	2.75	511,856	27.65	75.95				
1:many Matched Conditional Analysis											
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls	439	1,045.88	870.18	2.38	57	54.50	129.84	8.33	70.62	1.15 (0.85, 1.54)	0.365
Matched Non-CPP Controls	4,390	5,631.99	468.58	1.28	260	46.16	59.23				

Table 6d. Effect Estimates for Leuprolide Acetate Exposed Children Matched with Non-Central Precocious Puberty (CPP) Controls, Hip Replacement

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence Rate per 1000 Person Years	Risk per 1000 New Users	Incidence Rate Difference per 1000 Person Years	Difference in Risk per 1000 New Users	Hazard Ratio (95% CI)	Wald P-Value
Unmatched Analysis (Site-adjusted only)											
Eligible Leuprolide Acetate Exposed Children	439	1,285.98	1,069.94	2.93	0	0.00	0.00	-0.01	-0.02	-	-
Eligible Non-CPP Controls	6,739,063	20,208,063.78	1,095.26	3.00	153	0.01	0.02				
1:many Matched Conditional Analysis											
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls	439	1,197.92	996.68	2.73	0	0.00	0.00	0.00	0.00	-	-
Matched Non-CPP Controls	4,390	6,472.02	538.47	1.47	0	0.00	0.00				

Table 6e. Effect Estimates for Leuprolide Acetate Exposed Children Matched with Non-Central Precocious Puberty (CPP) Controls, Temporomandibular Joint Replacement

Medical Product	Number of New Users	Person Years at Risk	Average Person Days at Risk	Average Person Years at Risk	Number of Events	Incidence Rate per 1000 Person Years	Risk per 1000 New Users	Incidence Rate	Difference in	Hazard	Wald
								Difference per 1000 Person Years	Risk per 1000 New Users	Ratio (95% CI)	
Unmatched Analysis (Site-adjusted only)											
Eligible Leuprolide Acetate Exposed Children	439	1,285.98	1,069.94	2.93	0	0.00	0.00	0.00	0.00	-	-
Eligible Non-CPP Controls	6,739,063	20,208,458.69	1,095.28	3.00	13	0.00	0.00				
1:many Matched Conditional Analysis											
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls	439	1,197.92	996.68	2.73	0	0.00	0.00	0.00	0.00	-	-
Matched Non-CPP Controls	4,390	6,472.02	538.47	1.47	0	0.00	0.00				

Table 7. Summary of Leuprolide Acetate Exposure Duration and Dispensings among Male Lupron Exposed Children and their Matched Central Precocious Puberty (CPP) and Non-CPP Controls with Major Fractures in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018

	Number of patients	Mean	Minimum	Maximum	5%	10%	25%	Median	75%	90%	95%	99%
Leuprolide Acetate Exposed Children Matched with Non-CPP Controls												
Time since index date (days)	19	865	55	2604	55	207	306	737	1254	1857	2604	2604
Time since exposure discontinuation (days)	19	570	-695	2574	-695	-153	149	464	904	1381	2574	2574
Cumulative Leuprolide Acetate exposure duration	19	297	31	1545	31	31	31	31	592	1002	1545	1545
Cumulative Leuprolide Acetate utilization	19	7	1	28	1	1	1	1	17	22	28	28
Age at the time of the event (years)	19	12	9	17								
Matched Non-CPP Controls												
Time since index date (days)	172	813	3	3637	33	76	251	606	1232	1816	2190	3289
Time since exposure discontinuation (days)	172	-172	-5825	5536	-3330	-2453	-1492	-102	1179	2130	2574	4622
Cumulative Leuprolide Acetate exposure duration	172	332	2	1305	31	31	31	172	594	857	1111	1244
Cumulative Leuprolide Acetate utilization	172	8	1	44	1	1	1	4	11	23	28	43
Age at the time of the event (years)	172	11	1	19								
Lupron Depot-Ped Exposed Children Matched with CPP Controls												
Time since index date (days)	19	865	55	2604	55	207	306	737	1254	1857	2604	2604
Time since exposure discontinuation (days)	19	570	-695	2574	-695	-153	149	464	904	1381	2574	2574
Cumulative Leuprolide Acetate exposure duration	19	297	31	1545	31	31	31	31	592	1002	1545	1545
Cumulative Leuprolide Acetate utilization	19	7	1	28	1	1	1	1	17	22	28	28
Age at the time of the event (years)	19	12	9	17								
Matched CPP Controls												
Time since index date (days)	114	732	12	2505	61	106	297	661	1016	1460	1571	2312
Time since exposure discontinuation (days)	114	-71	-5144	3565	-2986	-2299	-784	8	1011	1716	2571	3478
Cumulative Leuprolide Acetate exposure duration	114	297	1	1511	31	31	31	148	528	923	1069	1312
Cumulative Leuprolide Acetate utilization	114	7	1	44	1	1	1	3	10	19	30	39
Age at the time of the event (years)	114	11	4	17								

Table 8a. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD (all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Patients (N)	439 (100.0%)	19 (100.0%)	420 (100.0%)	439 (100.0%)	17 (100.0%)	422 (100.0%)	-
Follow-up time (person-days; mean, SD)	1,020.3 (918.7)	865.4 (630.7)	1,027.3 (926.2)	1,018.2 (1050.9)	812.8 (715.9)	1,026.6 (1059.9)	0.002
Characteristics							
Mean age (years)	9.1 (1.8)	9.2 (0.8)	9.0 (1.9)	9.1 (1.8)	9.2 (1.6)	9.0 (1.8)	0
Age (years)							
0-2	11 (2.5%)	0 (0.0%)	11 (2.6%)	11 (2.5%)	0 (1.2%)	11 (2.6%)	0
3-4	5 (1.1%)	0 (0.0%)	5 (1.2%)	5 (1.1%)	0 (2.3%)	5 (1.1%)	0
5-6	26 (5.9%)	0 (0.0%)	26 (6.2%)	26 (5.9%)	1 (5.2%)	25 (6.0%)	0
7-8	123 (28.0%)	8 (42.1%)	115 (27.4%)	123 (28.0%)	4 (22.7%)	119 (28.2%)	-
9-10	274 (62.4%)	11 (57.9%)	263 (62.6%)	274 (62.4%)	12 (68.6%)	262 (62.2%)	0
Race ¹							
American Indian or Alaska Native	1 (0.2%)	1 (5.3%)	0 (0.0%)	1 (0.3%)	0 (1.2%)	1 (0.2%)	-0.009
Asian	8 (1.8%)	0 (0.0%)	8 (1.9%)	8 (1.8%)	0 (1.7%)	8 (1.8%)	0.002
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.3%)	13 (2.9%)	0 (1.2%)	13 (3.0%)	0.017
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	-
Unknown	366 (83.4%)	17 (89.5%)	349 (83.1%)	367 (83.6%)	13 (77.3%)	354 (83.9%)	-0.01
White	50 (11.4%)	1 (5.3%)	49 (11.7%)	49 (11.3%)	3 (18.6%)	46 (11.0%)	-
Anti-epileptic drugs	1 (0.2%)	0 (0.0%)	1 (0.2%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	0.021
Anticoagulants	2 (0.5%)	0 (0.0%)	2 (0.5%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Antidepressants	20 (4.6%)	0 (0.0%)	20 (4.8%)	7 (1.7%)	0 (1.7%)	7 (1.7%)	0.166
Beta blockers	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.6%)	0 (0.0%)	0.059
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	12 (2.7%)	1 (5.3%)	11 (2.6%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Corticosteroids	53 (12.1%)	6 (31.6%)	47 (11.2%)	30 (6.9%)	2 (11.6%)	28 (6.7%)	0.176
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting goserelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	23 (5.2%)	2 (10.5%)	21 (5.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	3 (0.7%)	0 (0.0%)	3 (0.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Medroxyprogesterone	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 8a. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD (all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	1 (0.2%)	0 (0.0%)	1 (0.2%)	1 (0.2%)	0 (0.6%)	1 (0.2%)	0
Short-acting Gonadotropin-Releasing Hormone agonists	5 (1.1%)	0 (0.0%)	5 (1.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	4 (0.9%)	0 (0.0%)	4 (1.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	67.6%	66.7%	67.6%	0.0%	0.0%	0.0%	2.048
Precocious Puberty	19.0%	6.7%	19.6%	0.0%	0.0%	0.0%	0.681
Routine Infant Or Child Health Check	13.1%	6.7%	13.4%	4.5%	5.2%	4.4%	0.308
Need Prophylactic Vaccination&inoculation Flu	9.2%	6.7%	9.3%	4.4%	4.4%	4.4%	0.193
Acute Pharyngitis	8.9%	6.7%	9.0%	7.2%	8.1%	7.1%	0.065
Acute Urin Of Unspecified Site	8.9%	0.0%	9.3%	4.3%	3.7%	4.4%	0.184
Other Unknown&unspec Cause Morbidity/Mortality	8.0%	6.7%	8.1%	4.9%	4.4%	4.9%	0.141
Encounter For Immunization	7.4%	0.0%	7.8%	2.4%	1.5%	2.4%	0.233
Encounter Rtn Child Health Exam W/O Abnorml Find	6.5%	0.0%	6.9%	0.9%	0.0%	1.0%	0.306
Short Stature	6.3%	0.0%	6.5%	0.1%	0.0%	0.1%	0.352
Cough	6.0%	0.0%	6.2%	2.9%	5.2%	2.8%	0.151
Streptococcal Sore Throat	6.0%	6.7%	5.9%	2.7%	4.4%	2.6%	0.16
Add Of Childhood With Hyperactivity	5.7%	0.0%	5.9%	3.2%	1.5%	3.3%	0.119
Pituitary Dwarfism	5.1%	13.3%	4.7%	0.0%	0.7%	0.0%	0.322
Other Hyperfunction Of Pituitary Gland	4.5%	0.0%	4.7%	0.0%	0.0%	0.0%	0.301
Allergic Rhinitis Cause Unspecified	4.2%	0.0%	4.4%	1.7%	2.2%	1.7%	0.146
Unspecified Otitis Media	3.6%	6.7%	3.4%	2.1%	3.0%	2.1%	0.086
Acute Sinusitis, Unspecified	3.3%	0.0%	3.4%	0.9%	0.7%	0.9%	0.168
Other Adrenocortical Overactivity	3.3%	0.0%	3.4%	0.0%	0.0%	0.0%	-

Table 8a. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD (all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Autistic Disorder Current Or Active State	3.0%	0.0%	3.1%	0.2%	0.7%	0.2%	0.224
Unspecified Hypothyroidism	3.0%	6.7%	2.8%	0.1%	0.0%	0.1%	0.238
Allergic Rhinitis Due To Pollen	2.7%	0.0%	2.8%	0.8%	1.5%	0.8%	0.143
Asthma, Unspecified, Unspecified Status	2.7%	6.7%	2.5%	0.6%	2.2%	0.6%	0.162
Add Childhood Without Mention Hyperactivity	2.4%	0.0%	2.5%	0.8%	2.2%	0.8%	0.123
Attn-Deficit Hyperactivity D/O Combined Type	2.1%	0.0%	2.2%	1.1%	1.5%	1.1%	0.081
Fever Unspecified	2.1%	0.0%	2.2%	0.9%	0.7%	0.9%	0.1
Contact Dermatitis&other Eczema Due Unspec Cause	2.1%	0.0%	2.2%	0.6%	0.0%	0.6%	0.133
Abdominal Pain, Unspecified Site	2.1%	0.0%	2.2%	0.6%	0.0%	0.6%	0.133
Lack Of Coordination	2.1%	0.0%	2.2%	0.2%	0.0%	0.2%	0.172
Abnormal Weight Gain	2.1%	0.0%	2.2%	0.2%	0.7%	0.2%	0.175
Headache	1.8%	6.7%	1.6%	0.5%	0.7%	0.5%	0.117
Hypermetropia	1.8%	0.0%	1.9%	0.2%	0.0%	0.2%	0.164
Unspecified Constipation	1.8%	0.0%	1.9%	0.3%	0.0%	0.3%	0.143
Other Acne	1.8%	0.0%	1.9%	0.1%	0.0%	0.1%	0.171
Unspecified Viral Warts	1.5%	0.0%	1.6%	0.6%	1.5%	0.5%	0.092
Acute Suppurative Otitis Media W/O Spontaneous Rupture of Eardrum	1.5%	0.0%	1.6%	0.3%	0.7%	0.2%	0.134
Other Diseases Of Nasal Cavity And Sinuses	1.5%	6.7%	1.2%	0.2%	0.0%	0.2%	0.139
Other Specified Pre-Operative Examination	1.5%	6.7%	1.2%	0.3%	1.5%	0.2%	0.133
Dietary Counseling And Surveillance	1.5%	0.0%	1.6%	0.1%	0.0%	0.2%	0.166
Other Specified Counseling	1.5%	0.0%	1.6%	0.1%	0.0%	0.2%	0.166
Unspecified Vitamin D Deficiency	1.5%	6.7%	1.2%	0.1%	0.0%	0.1%	0.157
Anxiety Disorder Unspecified	1.5%	0.0%	1.6%	0.1%	0.0%	0.1%	0.172
Malignant Neoplasm Of Brain Unspecified Site	1.5%	0.0%	1.6%	0.0%	0.0%	0.0%	-
Acute Pharyngitis Unspecified	1.2%	0.0%	1.2%	1.4%	0.7%	1.4%	-0.016

Table 8a. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD (all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Unspecified Viral Infection In Cce & Uns Site	1.2%	0.0%	1.2%	0.2%	0.0%	0.2%	0.119
Unspecified Disturbance Of Conduct	1.2%	0.0%	1.2%	0.3%	0.0%	0.3%	0.11
Allergic Rhinitis Due To Other Allergen	1.2%	0.0%	1.2%	0.3%	0.0%	0.3%	0.109
Bronchitis Not Specified As Acute Or Chronic	1.2%	6.7%	0.9%	0.1%	0.0%	0.2%	0.127
Short Stature Child	1.2%	0.0%	1.2%	0.2%	0.7%	0.2%	0.123
Need Proph Vac W/Comb Diphth-Tetanus-Pertuss Vac	1.2%	0.0%	1.2%	0.4%	0.0%	0.4%	0.091
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	7.7%	0.0%	8.1%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	6.3%	13.3%	5.9%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	0.0%	3.4%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	0.0%	3.4%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	6.7%	3.1%	0.0%	0.0%	0.0%	-
Amoxicillin	2.7%	6.7%	2.5%	1.6%	2.2%	1.6%	0.072
Leuprolide Acetate	2.7%	0.0%	2.8%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	2.1%	6.7%	1.9%	2.4%	3.0%	2.4%	-0.02
Leuprolide Acetate	2.1%	6.7%	1.9%	0.0%	0.0%	0.0%	-
Amoxicillin	1.8%	0.0%	1.9%	0.5%	0.0%	0.6%	0.117
Lidocaine/Prilocaine	1.8%	0.0%	1.9%	0.0%	0.0%	0.0%	0.185
Montelukast Sodium	1.5%	0.0%	1.6%	0.9%	3.0%	0.8%	0.058
Albuterol Sulfate	1.5%	0.0%	1.6%	0.4%	0.0%	0.5%	0.107
Ondansetron	1.5%	0.0%	1.6%	0.1%	0.0%	0.1%	0.154
Leuprolide Acetate	1.5%	0.0%	1.6%	0.0%	0.0%	0.0%	-
Fluticasone Propionate	1.2%	0.0%	1.2%	0.1%	0.0%	0.2%	0.128
Ciprofloxacin Hcl/Dexamethasone	0.9%	6.7%	0.6%	0.2%	0.0%	0.2%	0.093
Amoxicillin/Potassium Clavulanate	0.9%	0.0%	0.9%	0.3%	0.0%	0.3%	0.072
Azithromycin	0.9%	0.0%	0.9%	0.4%	0.7%	0.4%	0.063
Prednisone ³	0.9%	0.0%	0.9%	0.1%	0.0%	0.1%	0.12

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 8b. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD(all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Patients (N)	432 (100.0%)	19 (100.0%)	413 (100.0%)	432 (100.0%)	14 (100.0%)	418 (100.0%)	-
Follow-up time (person-days; mean, SD)	1,014.5 (918.8)	865.4 (630.7)	1,021.4 (926.3)	1,021.1 (962.1)	762.7 (531.5)	1,029.7 (971.4)	-0.007
Characteristics							
Mean age (years)	9.1 (1.8)	9.2 (0.8)	9.1 (1.8)	9.1 (1.7)	8.8 (2.3)	9.1 (1.7)	0.009
Age (years)							
0-2	9 (2.1%)	0 (0.0%)	9 (2.2%)	10 (2.2%)	1 (8.1%)	9 (2.0%)	-0.011
3-4	5 (1.2%)	0 (0.0%)	5 (1.2%)	4 (0.9%)	0 (1.8%)	4 (0.9%)	0.025
5-6	25 (5.8%)	0 (0.0%)	25 (6.1%)	26 (6.1%)	1 (4.5%)	26 (6.2%)	-0.015
7-8	120 (27.8%)	8 (42.1%)	112 (27.1%)	118 (27.2%)	3 (22.0%)	115 (27.4%)	0.012
9-10	273 (63.2%)	11 (57.9%)	262 (63.4%)	274 (63.5%)	9 (63.7%)	265 (63.5%)	-0.006
Race ¹							
American Indian or Alaska Native	1 (0.2%)	1 (5.3%)	0 (0.0%)	0 (0.1%)	0 (0.0%)	0 (0.1%)	0.036
Asian	7 (1.6%)	0 (0.0%)	7 (1.7%)	6 (1.5%)	0 (0.0%)	6 (1.5%)	0.014
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.4%)	21 (5.0%)	0 (0.7%)	21 (5.1%)	-0.095
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	1 (0.2%)	-
Unknown	363 (84.0%)	17 (89.5%)	346 (83.8%)	356 (82.5%)	13 (89.6%)	344 (82.2%)	0.057
White	47 (10.9%)	1 (5.3%)	46 (11.1%)	47 (10.8%)	1 (9.6%)	45 (10.8%)	0.003
Anti-epileptic drugs	1 (0.2%)	0 (0.0%)	1 (0.2%)	1 (0.3%)	0 (0.0%)	1 (0.3%)	-0.012
Anticoagulants	2 (0.5%)	0 (0.0%)	2 (0.5%)	0 (0.1%)	0 (0.0%)	0 (0.1%)	0.076
Antidepressants	20 (4.6%)	0 (0.0%)	20 (4.8%)	12 (2.7%)	0 (1.0%)	11 (2.7%)	0.103
Beta blockers	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.054
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	12 (2.8%)	1 (5.3%)	11 (2.7%)	1 (0.2%)	0 (0.0%)	1 (0.2%)	0.212
Corticosteroids	52 (12.0%)	6 (31.6%)	46 (11.1%)	31 (7.1%)	1 (6.9%)	30 (7.1%)	0.167
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting goserelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	23 (5.3%)	2 (10.5%)	21 (5.1%)	3 (0.8%)	0 (0.0%)	3 (0.8%)	0.266
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	3 (0.7%)	0 (0.0%)	3 (0.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.9%)	0 (0.0%)	-

Table 8b. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD(all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Medroxyprogesterone	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	1 (0.2%)	0 (0.0%)	1 (0.2%)	1 (0.2%)	0 (1.8%)	1 (0.2%)	-0.003
Short-acting Gonadotropin-Releasing Hormone agonists	5 (1.2%)	0 (0.0%)	5 (1.2%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	0.129
Short-acting gonadorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.1%)	0 (0.0%)	0 (0.1%)	-
Short-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	4 (0.9%)	0 (0.0%)	4 (1.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.131
Short-acting nafarelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.061
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	67.8%	66.7%	67.8%	20.1%	17.6%	20.1%	1.099
Precocious Puberty	18.5%	6.7%	19.1%	4.6%	0.9%	4.7%	0.446
Routine Infant Or Child Health Check	13.1%	6.7%	13.4%	14.2%	22.0%	13.9%	-0.033
Need Prophylactic	9.4%	6.7%	9.6%	10.3%	11.3%	10.3%	-0.029
Vaccination&inoculation Flu							
Acute Pharyngitis	9.1%	6.7%	9.2%	7.9%	12.4%	7.8%	0.043
Acute Uris Of Unspecified Site	8.8%	0.0%	9.2%	5.0%	3.9%	5.1%	0.15
Other Unknown&unspec Cause Morbidity/Mortality	8.2%	6.7%	8.3%	5.6%	5.3%	5.6%	0.114
Encounter For Immunization	7.6%	0.0%	8.0%	5.3%	2.8%	5.4%	0.091
Encounter Rtn Child Health Exam W/O Abnorml Find	6.7%	0.0%	7.0%	3.1%	2.8%	3.1%	0.168
Short Stature	6.4%	0.0%	6.7%	3.5%	4.4%	3.5%	0.132
Streptococcal Sore Throat	6.1%	6.7%	6.1%	2.7%	1.9%	2.8%	0.163
Cough	5.8%	0.0%	6.1%	4.3%	4.8%	4.3%	0.067
Add Of Childhood With Hyperactivity	5.5%	0.0%	5.7%	4.0%	3.9%	4.0%	0.071
Pituitary Dwarfism	5.2%	13.3%	4.8%	1.0%	1.6%	0.9%	0.245
Other Hyperfunction Of Pituitary Gland	4.6%	0.0%	4.8%	0.3%	0.0%	0.3%	0.282
Allergic Rhinitis Cause Unspecified	4.3%	0.0%	4.5%	2.8%	3.9%	2.8%	0.077
Unspecified Otitis Media	3.6%	6.7%	3.5%	2.5%	2.0%	2.6%	0.064

Table 8b. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD(all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Acute Sinusitis, Unspecified	3.3%	0.0%	3.5%	1.7%	13.1%	1.3%	0.106
Other Adrenocortical Overactivity	3.3%	0.0%	3.5%	1.3%	0.0%	1.4%	0.136
Autistic Disorder Current Or Active State	3.0%	0.0%	3.2%	1.6%	2.0%	1.5%	0.098
Unspecified Hypothyroidism	3.0%	6.7%	2.9%	0.6%	2.3%	0.5%	0.185
Asthma, Unspecified, Unspecified Status	2.7%	6.7%	2.5%	1.4%	0.0%	1.4%	0.099
Allergic Rhinitis Due To Pollen	2.7%	0.0%	2.9%	0.8%	3.4%	0.7%	0.146
Add Childhood Without Mention Hyperactivity	2.4%	0.0%	2.5%	1.5%	0.0%	1.5%	0.067
Fever Unspecified	2.1%	0.0%	2.2%	1.2%	0.0%	1.2%	0.076
Abnormal Weight Gain	2.1%	0.0%	2.2%	1.0%	0.0%	1.0%	0.095
Attn-Deficit Hyperactivity D/O Combined Type	2.1%	0.0%	2.2%	0.8%	1.6%	0.8%	0.113
Lack Of Coordination	2.1%	0.0%	2.2%	0.8%	3.5%	0.7%	0.115
Contact Dermatitis&other Eczema Due Unspec Cause	1.8%	0.0%	1.9%	0.9%	0.9%	0.9%	0.082
Abdominal Pain, Unspecified Site	1.8%	0.0%	1.9%	0.9%	2.5%	0.8%	0.084
Other Acne	1.8%	0.0%	1.9%	0.7%	0.9%	0.7%	0.097
Headache	1.8%	6.7%	1.6%	0.6%	0.0%	0.6%	0.113
Unspecified Viral Warts	1.5%	0.0%	1.6%	0.5%	0.9%	0.4%	0.107
Unspecified Vitamin D Deficiency	1.5%	6.7%	1.3%	0.4%	0.9%	0.4%	0.113
Hypermetropia	1.5%	0.0%	1.6%	0.3%	0.0%	0.3%	0.14
Unspecified Constipation	1.5%	0.0%	1.6%	0.4%	0.0%	0.5%	0.109
Dietary Counseling And Surveillance	1.5%	0.0%	1.6%	0.2%	0.9%	0.2%	0.152
Other Specified Counseling	1.5%	0.0%	1.6%	0.3%	0.9%	0.3%	0.147
Malignant Neoplasm Of Brain Unspecified Site	1.5%	0.0%	1.6%	0.1%	0.0%	0.1%	0.161
Anxiety Disorder Unspecified	1.5%	0.0%	1.6%	0.1%	1.6%	0.0%	0.17
Other Specified Pre-Operative Examination	1.5%	6.7%	1.3%	0.1%	0.0%	0.1%	0.17
Acute Pharyngitis Unspecified	1.2%	0.0%	1.3%	1.1%	0.9%	1.1%	0.01
Bronchitis Not Specified As Acute Or Chronic	1.2%	6.7%	1.0%	0.5%	9.4%	0.2%	0.073

Table 8b. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD(all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Unspecified Disturbance Of Conduct	1.2%	0.0%	1.3%	0.3%	0.0%	0.3%	0.109
Unspecified Delay In Development	1.2%	0.0%	1.3%	0.3%	2.3%	0.2%	0.104
Acut Suppratv Otitis Media W/O Spont Rup Eardrum	1.2%	0.0%	1.3%	0.4%	0.0%	0.4%	0.096
Allergic Rhinitis Due To Other Allergen	1.2%	0.0%	1.3%	0.3%	0.0%	0.4%	0.099
Nonallopathic Lesion Of Cervical Region Nec	1.2%	0.0%	1.3%	0.3%	0.9%	0.3%	0.103
Short Stature Child	1.2%	0.0%	1.3%	0.3%	0.0%	0.3%	0.11
Need Proph Vac W/Comb	1.2%	0.0%	1.3%	0.4%	2.3%	0.4%	0.087
Diphth-Tetanus-Pertuss Vac							
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	7.9%	0.0%	8.3%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	6.4%	13.3%	6.1%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	0.0%	3.5%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	0.0%	3.5%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	6.7%	3.2%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.7%	0.0%	2.9%	0.0%	0.0%	0.0%	-
Amoxicillin	2.4%	6.7%	2.2%	1.5%	0.0%	1.5%	0.068
Leuprolide Acetate	2.1%	6.7%	1.9%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	1.8%	6.7%	1.6%	1.6%	0.9%	1.6%	0.021
Amoxicillin	1.8%	0.0%	1.9%	0.5%	0.9%	0.5%	0.123
Albuterol Sulfate	1.5%	0.0%	1.6%	0.8%	0.0%	0.9%	0.063
Ondansetron	1.5%	0.0%	1.6%	0.2%	0.0%	0.3%	0.137
Lidocaine/Prilocaine	1.5%	0.0%	1.6%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	1.5%	0.0%	1.6%	0.0%	0.0%	0.0%	-
Montelukast Sodium	1.2%	0.0%	1.3%	0.3%	2.9%	0.2%	0.103
Fluticasone Propionate	1.2%	0.0%	1.3%	0.1%	0.0%	0.1%	0.139
Ciprofloxacin Hcl/Dexamethasone	0.9%	6.7%	0.6%	0.3%	0.0%	0.3%	0.082
Amoxicillin/Potassium Clavulanate	0.9%	0.0%	1.0%	0.3%	0.9%	0.3%	0.074
Azithromycin	0.9%	0.0%	1.0%	0.3%	0.0%	0.3%	0.08
Somatropin ³	0.9%	0.0%	1.0%	0.0%	0.0%	0.0%	0.128

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 8c. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD(all)
	All	With event	Without event	All	With event	Without event	
Patients (N)	439 (100.0%)	59 (100.0%)	380 (100.0%)	439 (100.0%)	53 (100.0%)	386 (100.0%)	-
Follow-up time (person-days; mean, SD)	937.0 (871.2)	772.0 (619.0)	962.6 (900.5)	921.7 (954.3)	958.8 (823.9)	916.6 (968.6)	0.017
Characteristics							
Mean age (years)	9.1 (1.8)	9.1 (1.1)	9.0 (1.9)	9.1 (1.8)	9.5 (1.4)	9.0 (1.8)	0
Age (years)							
0-2	11 (2.5%)	0 (0.0%)	11 (2.9%)	11 (2.5%)	0 (0.8%)	11 (2.7%)	0
3-4	5 (1.1%)	0 (0.0%)	5 (1.3%)	5 (1.1%)	1 (1.5%)	4 (1.1%)	0
5-6	26 (5.9%)	3 (5.1%)	23 (6.1%)	26 (5.9%)	2 (4.4%)	24 (6.1%)	0
7-8	123 (28.0%)	24 (40.7%)	99 (26.1%)	123 (28.0%)	11 (19.9%)	113 (29.1%)	-
9-10	274 (62.4%)	32 (54.2%)	242 (63.7%)	274 (62.4%)	39 (73.5%)	235 (60.9%)	0
Race ¹							
American Indian or Alaska Native	1 (0.2%)	1 (1.7%)	0 (0.0%)	1 (0.3%)	1 (0.9%)	1 (0.2%)	-0.009
Asian	8 (1.8%)	0 (0.0%)	8 (2.1%)	8 (1.8%)	1 (2.1%)	7 (1.8%)	0.002
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.7%)	13 (2.9%)	2 (3.8%)	11 (2.8%)	0.017
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	-
Unknown	366 (83.4%)	50 (84.7%)	316 (83.2%)	367 (83.6%)	40 (75.0%)	328 (84.8%)	-0.01
White	50 (11.4%)	8 (13.6%)	42 (11.1%)	49 (11.3%)	10 (18.2%)	40 (10.3%)	-
Anti-epileptic drugs	1 (0.2%)	0 (0.0%)	1 (0.3%)	1 (0.1%)	0 (0.2%)	1 (0.1%)	0.021
Anticoagulants	2 (0.5%)	0 (0.0%)	2 (0.5%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Antidepressants	20 (4.6%)	0 (0.0%)	20 (5.3%)	7 (1.7%)	1 (1.5%)	7 (1.7%)	0.166
Beta blockers	1 (0.2%)	0 (0.0%)	1 (0.3%)	0 (0.0%)	0 (0.2%)	0 (0.0%)	0.059
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	12 (2.7%)	1 (1.7%)	11 (2.9%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Corticosteroids	53 (12.1%)	11 (18.6%)	42 (11.1%)	30 (6.9%)	6 (10.8%)	25 (6.4%)	0.176
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting goserelin	1 (0.2%)	0 (0.0%)	1 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	23 (5.2%)	2 (3.4%)	21 (5.5%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	3 (0.7%)	0 (0.0%)	3 (0.8%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.1%)	-
Medroxyprogesterone	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 8c. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD(all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	1 (0.2%)	0 (0.0%)	1 (0.3%)	1 (0.2%)	1 (0.9%)	1 (0.1%)	0
Short-acting Gonadotropin-Releasing Hormone agonists	5 (1.1%)	0 (0.0%)	5 (1.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	4 (0.9%)	0 (0.0%)	4 (1.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	1 (0.2%)	0 (0.0%)	1 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	67.6%	80.4%	65.5%	0.0%	0.0%	0.0%	2.048
Precocious Puberty	19.0%	8.7%	20.7%	0.0%	0.0%	0.0%	0.681
Routine Infant Or Child Health Check	13.1%	13.0%	13.1%	4.5%	4.2%	4.5%	0.308
Need Prophylactic Vaccination&inoculation Flu	9.2%	13.0%	8.6%	4.4%	6.4%	4.1%	0.193
Acute Pharyngitis	8.9%	2.2%	10.0%	7.2%	8.1%	7.0%	0.065
Acute Uris Of Unspecified Site	8.9%	0.0%	10.3%	4.3%	5.9%	4.1%	0.184
Other Unknown&unspec Cause Morbidity/Mortality	8.0%	8.7%	7.9%	4.9%	4.9%	4.9%	0.141
Encounter For Immunization	7.4%	0.0%	8.6%	2.4%	1.5%	2.5%	0.233
Encounter Rtn Child Health Exam W/O Abnorml Find	6.5%	2.2%	7.2%	0.9%	0.5%	1.0%	0.306
Short Stature	6.3%	4.3%	6.6%	0.1%	0.0%	0.1%	0.352
Cough	6.0%	0.0%	6.9%	2.9%	4.2%	2.7%	0.151
Streptococcal Sore Throat	6.0%	8.7%	5.5%	2.7%	4.4%	2.5%	0.16
Add Of Childhood With Hyperactivity	5.7%	2.2%	6.2%	3.2%	2.5%	3.3%	0.119
Pituitary Dwarfism	5.1%	6.5%	4.8%	0.0%	0.2%	0.0%	0.322
Other Hyperfunction Of Pituitary Gland	4.5%	4.3%	4.5%	0.0%	0.0%	0.0%	0.301
Allergic Rhinitis Cause Unspecified	4.2%	6.5%	3.8%	1.7%	1.7%	1.7%	0.146
Unspecified Otitis Media	3.6%	2.2%	3.8%	2.1%	2.7%	2.1%	0.086
Acute Sinusitis, Unspecified	3.3%	4.3%	3.1%	0.9%	1.2%	0.8%	0.168

Table 8c. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD(all)
	All	With event	Without event	All	With event	Without event	
Other Adrenocortical Overactivity	3.3%	0.0%	3.8%	0.0%	0.0%	0.0%	-
Autistic Disorder Current Or Active State	3.0%	0.0%	3.4%	0.2%	0.5%	0.1%	0.224
Unspecified Hypothyroidism	3.0%	6.5%	2.4%	0.1%	0.0%	0.1%	0.238
Allergic Rhinitis Due To Pollen	2.7%	2.2%	2.8%	0.8%	1.5%	0.7%	0.143
Asthma, Unspecified, Unspecified Status	2.7%	6.5%	2.1%	0.6%	1.7%	0.5%	0.162
Add Childhood Without Mention Hyperactivity	2.4%	2.2%	2.4%	0.8%	1.2%	0.8%	0.123
Attn-Deficit Hyperactivity D/O Combined Type	2.1%	0.0%	2.4%	1.1%	0.5%	1.2%	0.081
Fever Unspecified	2.1%	0.0%	2.4%	0.9%	1.2%	0.8%	0.1
Contact Dermatitis&other Eczema Due Unspec Cause	2.1%	4.3%	1.7%	0.6%	0.0%	0.6%	0.133
Abdominal Pain, Unspecified Site	2.1%	0.0%	2.4%	0.6%	1.2%	0.5%	0.133
Lack Of Coordination	2.1%	4.3%	1.7%	0.2%	0.0%	0.3%	0.172
Abnormal Weight Gain	2.1%	4.3%	1.7%	0.2%	0.2%	0.2%	0.175
Headache	1.8%	4.3%	1.4%	0.5%	1.0%	0.5%	0.117
Hypermetropia	1.8%	0.0%	2.1%	0.2%	0.2%	0.2%	0.164
Unspecified Constipation	1.8%	2.2%	1.7%	0.3%	0.5%	0.3%	0.143
Other Acne	1.8%	6.5%	1.0%	0.1%	0.0%	0.1%	0.171
Unspecified Viral Warts	1.5%	2.2%	1.4%	0.6%	1.5%	0.4%	0.092
Acute Suppurative Otitis Media W/O Spontaneous Eardrum	1.5%	4.3%	1.0%	0.3%	0.5%	0.2%	0.134
Other Diseases Of Nasal Cavity And Sinuses	1.5%	4.3%	1.0%	0.2%	0.0%	0.2%	0.139
Other Specified Pre-Operative Examination	1.5%	2.2%	1.4%	0.3%	1.0%	0.2%	0.133
Dietary Counseling And Surveillance	1.5%	0.0%	1.7%	0.1%	0.2%	0.1%	0.166
Other Specified Counseling	1.5%	0.0%	1.7%	0.1%	0.2%	0.1%	0.166
Unspecified Vitamin D Deficiency	1.5%	2.2%	1.4%	0.1%	0.0%	0.1%	0.157
Anxiety Disorder Unspecified	1.5%	0.0%	1.7%	0.1%	0.0%	0.1%	0.172
Malignant Neoplasm Of Brain Unspecified Site	1.5%	0.0%	1.7%	0.0%	0.0%	0.0%	-
Acute Pharyngitis Unspecified	1.2%	0.0%	1.4%	1.4%	0.2%	1.5%	-0.016

Table 8c. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD(all)
	All	With event	Without event	All	With event	Without event	
Unspecified Viral Infection In Cce & Uns Site	1.2%	0.0%	1.4%	0.2%	0.0%	0.3%	0.119
Unspecified Disturbance Of Conduct	1.2%	2.2%	1.0%	0.3%	0.0%	0.3%	0.11
Allergic Rhinitis Due To Other Allergen	1.2%	0.0%	1.4%	0.3%	0.0%	0.3%	0.109
Bronchitis Not Specified As Acute Or Chronic	1.2%	4.3%	0.7%	0.1%	0.0%	0.2%	0.127
Short Stature Child	1.2%	2.2%	1.0%	0.2%	0.2%	0.2%	0.123
Need Proph Vac W/Comb	1.2%	0.0%	1.4%	0.4%	0.2%	0.4%	0.091
Diphth-Tetanus-Pertuss Vac							
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	7.7%	10.9%	7.2%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	6.3%	8.7%	5.9%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	2.2%	3.4%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	2.2%	3.4%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	4.3%	3.1%	0.0%	0.0%	0.0%	-
Amoxicillin	2.7%	2.2%	2.8%	1.6%	1.7%	1.6%	0.072
Leuprolide Acetate	2.7%	2.2%	2.8%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	2.1%	4.3%	1.7%	2.4%	4.4%	2.1%	-0.02
Leuprolide Acetate	2.1%	2.2%	2.1%	0.0%	0.0%	0.0%	-
Amoxicillin	1.8%	0.0%	2.1%	0.5%	0.2%	0.6%	0.117
Lidocaine/Prilocaine	1.8%	2.2%	1.7%	0.0%	0.0%	0.0%	0.185
Montelukast Sodium	1.5%	0.0%	1.7%	0.9%	1.7%	0.7%	0.058
Albuterol Sulfate	1.5%	0.0%	1.7%	0.4%	0.0%	0.5%	0.107
Ondansetron	1.5%	0.0%	1.7%	0.1%	0.2%	0.1%	0.154
Leuprolide Acetate	1.5%	8.7%	0.3%	0.0%	0.0%	0.0%	-
Fluticasone Propionate	1.2%	0.0%	1.4%	0.1%	0.0%	0.2%	0.128
Ciprofloxacin Hcl/Dexamethasone	0.9%	2.2%	0.7%	0.2%	0.2%	0.2%	0.093
Amoxicillin/Potassium Clavulanate	0.9%	0.0%	1.0%	0.3%	0.0%	0.4%	0.072
Azithromycin	0.9%	2.2%	0.7%	0.4%	0.5%	0.4%	0.063
Prednisone ³	0.9%	0.0%	1.0%	0.1%	0.0%	0.1%	0.12

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 8d. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD (all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Patients (N)	439 (100.0%)	0 (0.0%)	439 (100.0%)	439 (100.0%)	0 (0.0%)	439 (100.0%)	-
Follow-up time (person-days; mean, SD)	1,069.9 (948.5)	-	1,069.9 (948.5)	1,066.8 (1088.7)	-	1,066.8 (1088.7)	0.003
Characteristics							
Mean age (years)	9.1 (1.8)	-	9.1 (1.8)	9.1 (1.8)	-	9.1 (1.8)	0
Age (years)							
0-2	11 (2.5%)	0 (0.0%)	11 (2.5%)	11 (2.5%)	0 (0.0%)	11 (2.5%)	0
3-4	5 (1.1%)	0 (0.0%)	5 (1.1%)	5 (1.1%)	0 (0.0%)	5 (1.1%)	0
5-6	26 (5.9%)	0 (0.0%)	26 (5.9%)	26 (5.9%)	0 (0.0%)	26 (5.9%)	0
7-8	123 (28.0%)	0 (0.0%)	123 (28.0%)	123 (28.0%)	0 (0.0%)	123 (28.0%)	-
9-10	274 (62.4%)	0 (0.0%)	274 (62.4%)	274 (62.4%)	0 (0.0%)	274 (62.4%)	0
Race ¹							
American Indian or Alaska Native	1 (0.2%)	0 (0.0%)	1 (0.2%)	1 (0.3%)	0 (0.0%)	1 (0.3%)	-0.009
Asian	8 (1.8%)	0 (0.0%)	8 (1.8%)	8 (1.8%)	0 (0.0%)	8 (1.8%)	0.002
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.2%)	13 (2.9%)	0 (0.0%)	13 (2.9%)	0.017
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	-
Unknown	366 (83.4%)	0 (0.0%)	366 (83.4%)	367 (83.6%)	0 (0.0%)	367 (83.6%)	-0.01
White	50 (11.4%)	0 (0.0%)	50 (11.4%)	49 (11.3%)	0 (0.0%)	49 (11.3%)	-
Anti-epileptic drugs	1 (0.2%)	0 (0.0%)	1 (0.2%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	0.021
Anticoagulants	2 (0.5%)	0 (0.0%)	2 (0.5%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Antidepressants	20 (4.6%)	0 (0.0%)	20 (4.6%)	7 (1.7%)	0 (0.0%)	7 (1.7%)	0.166
Beta blockers	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.059
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	12 (2.7%)	0 (0.0%)	12 (2.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Corticosteroids	53 (12.1%)	0 (0.0%)	53 (12.1%)	30 (6.9%)	0 (0.0%)	30 (6.9%)	0.176
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting goserelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	23 (5.2%)	0 (0.0%)	23 (5.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	3 (0.7%)	0 (0.0%)	3 (0.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 8d. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD (all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Medroxyprogesterone	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	1 (0.2%)	0 (0.0%)	1 (0.2%)	1 (0.2%)	0 (0.0%)	1 (0.2%)	0
Short-acting Gonadotropin-Releasing Hormone agonists	5 (1.1%)	0 (0.0%)	5 (1.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	4 (0.9%)	0 (0.0%)	4 (0.9%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	67.6%	0.0%	67.6%	0.0%	0.0%	0.0%	2.048
Precocious Puberty	19.0%	0.0%	19.0%	0.0%	0.0%	0.0%	0.681
Routine Infant Or Child Health Check	13.1%	0.0%	13.1%	4.5%	0.0%	4.5%	0.308
Need Prophylactic Vaccination&inoculation Flu	9.2%	0.0%	9.2%	4.4%	0.0%	4.4%	0.193
Acute Pharyngitis	8.9%	0.0%	8.9%	7.2%	0.0%	7.2%	0.065
Acute Urin Of Unspecified Site	8.9%	0.0%	8.9%	4.3%	0.0%	4.3%	0.184
Other Unknown&unspec Cause Morbidity/Mortality	8.0%	0.0%	8.0%	4.9%	0.0%	4.9%	0.141
Encounter For Immunization	7.4%	0.0%	7.4%	2.4%	0.0%	2.4%	0.233
Encounter Rtn Child Health Exam W/O Abnorml Find	6.5%	0.0%	6.5%	0.9%	0.0%	0.9%	0.306
Short Stature	6.3%	0.0%	6.3%	0.1%	0.0%	0.1%	0.352
Cough	6.0%	0.0%	6.0%	2.9%	0.0%	2.9%	0.151
Streptococcal Sore Throat	6.0%	0.0%	6.0%	2.7%	0.0%	2.7%	0.16
Add Of Childhood With Hyperactivity	5.7%	0.0%	5.7%	3.2%	0.0%	3.2%	0.119
Pituitary Dwarfism	5.1%	0.0%	5.1%	0.0%	0.0%	0.0%	0.322
Other Hyperfunction Of Pituitary Gland	4.5%	0.0%	4.5%	0.0%	0.0%	0.0%	0.301
Allergic Rhinitis Cause Unspecified	4.2%	0.0%	4.2%	1.7%	0.0%	1.7%	0.146
Unspecified Otitis Media	3.6%	0.0%	3.6%	2.1%	0.0%	2.1%	0.086

Table 8d. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Acute Sinusitis, Unspecified	3.3%	0.0%	3.3%	0.9%	0.0%	0.9%	0.168
Other Adrenocortical Overactivity	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-
Autistic Disorder Current Or Active State	3.0%	0.0%	3.0%	0.2%	0.0%	0.2%	0.224
Unspecified Hypothyroidism	3.0%	0.0%	3.0%	0.1%	0.0%	0.1%	0.238
Allergic Rhinitis Due To Pollen	2.7%	0.0%	2.7%	0.8%	0.0%	0.8%	0.143
Asthma, Unspecified, Unspecified Status	2.7%	0.0%	2.7%	0.6%	0.0%	0.6%	0.162
Add Childhood Without Mention Hyperactivity	2.4%	0.0%	2.4%	0.8%	0.0%	0.8%	0.123
Attn-Deficit Hyperactivity D/O Combined Type	2.1%	0.0%	2.1%	1.1%	0.0%	1.1%	0.081
Fever Unspecified	2.1%	0.0%	2.1%	0.9%	0.0%	0.9%	0.1
Contact Dermatitis&other Eczema Due Unspec Cause	2.1%	0.0%	2.1%	0.6%	0.0%	0.6%	0.133
Abdominal Pain, Unspecified Site	2.1%	0.0%	2.1%	0.6%	0.0%	0.6%	0.133
Lack Of Coordination	2.1%	0.0%	2.1%	0.2%	0.0%	0.2%	0.172
Abnormal Weight Gain	2.1%	0.0%	2.1%	0.2%	0.0%	0.2%	0.175
Headache	1.8%	0.0%	1.8%	0.5%	0.0%	0.5%	0.117
Hypermetropia	1.8%	0.0%	1.8%	0.2%	0.0%	0.2%	0.164
Unspecified Constipation	1.8%	0.0%	1.8%	0.3%	0.0%	0.3%	0.143
Other Acne	1.8%	0.0%	1.8%	0.1%	0.0%	0.1%	0.171
Unspecified Viral Warts	1.5%	0.0%	1.5%	0.6%	0.0%	0.6%	0.092
Acut Suppratv Otitis Media W/O Spont Rup Eardrum	1.5%	0.0%	1.5%	0.3%	0.0%	0.3%	0.134
Other Diseases Of Nasal Cavity And Sinuses	1.5%	0.0%	1.5%	0.2%	0.0%	0.2%	0.139
Other Specified Pre-Operative Examination	1.5%	0.0%	1.5%	0.3%	0.0%	0.3%	0.133
Dietary Counseling And Surveillance	1.5%	0.0%	1.5%	0.1%	0.0%	0.1%	0.166
Other Specified Counseling	1.5%	0.0%	1.5%	0.1%	0.0%	0.1%	0.166
Unspecified Vitamin D Deficiency	1.5%	0.0%	1.5%	0.1%	0.0%	0.1%	0.157
Anxiety Disorder Unspecified	1.5%	0.0%	1.5%	0.1%	0.0%	0.1%	0.172
Malignant Neoplasm Of Brain Unspecified Site	1.5%	0.0%	1.5%	0.0%	0.0%	0.0%	-

Table 8d. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Acute Pharyngitis Unspecified	1.2%	0.0%	1.2%	1.4%	0.0%	1.4%	-0.016
Unspecified Viral Infection In Cce & Uns Site	1.2%	0.0%	1.2%	0.2%	0.0%	0.2%	0.119
Unspecified Disturbance Of Conduct	1.2%	0.0%	1.2%	0.3%	0.0%	0.3%	0.11
Allergic Rhinitis Due To Other Allergen	1.2%	0.0%	1.2%	0.3%	0.0%	0.3%	0.109
Bronchitis Not Specified As Acute Or Chronic	1.2%	0.0%	1.2%	0.1%	0.0%	0.1%	0.127
Short Stature Child	1.2%	0.0%	1.2%	0.2%	0.0%	0.2%	0.123
Need Proph Vac W/Comb	1.2%	0.0%	1.2%	0.4%	0.0%	0.4%	0.091
Diphth-Tetanus-Pertuss Vac							
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	7.7%	0.0%	7.7%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	6.3%	0.0%	6.3%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-
Amoxicillin	2.7%	0.0%	2.7%	1.6%	0.0%	1.6%	0.072
Leuprolide Acetate	2.7%	0.0%	2.7%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	2.1%	0.0%	2.1%	2.4%	0.0%	2.4%	-0.02
Leuprolide Acetate	2.1%	0.0%	2.1%	0.0%	0.0%	0.0%	-
Amoxicillin	1.8%	0.0%	1.8%	0.5%	0.0%	0.5%	0.117
Lidocaine/Prilocaine	1.8%	0.0%	1.8%	0.0%	0.0%	0.0%	0.185
Montelukast Sodium	1.5%	0.0%	1.5%	0.9%	0.0%	0.9%	0.058
Albuterol Sulfate	1.5%	0.0%	1.5%	0.4%	0.0%	0.4%	0.107
Ondansetron	1.5%	0.0%	1.5%	0.1%	0.0%	0.1%	0.154
Leuprolide Acetate	1.5%	0.0%	1.5%	0.0%	0.0%	0.0%	-
Fluticasone Propionate	1.2%	0.0%	1.2%	0.1%	0.0%	0.1%	0.128
Ciprofloxacin Hcl/Dexamethasone	0.9%	0.0%	0.9%	0.2%	0.0%	0.2%	0.093
Amoxicillin/Potassium Clavulanate	0.9%	0.0%	0.9%	0.3%	0.0%	0.3%	0.072
Azithromycin	0.9%	0.0%	0.9%	0.4%	0.0%	0.4%	0.063
Prednisone ³	0.9%	0.0%	0.9%	0.1%	0.0%	0.1%	0.12

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 8e. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD(all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Patients (N)	439 (100.0%)	0 (0.0%)	439 (100.0%)	439 (100.0%)	0 (0.0%)	439 (100.0%)	-
Follow-up time (person-days; mean, SD)	1,069.9 (948.5)	-	1,069.9 (948.5)	1,066.8 (1088.7)	-	1,066.8 (1088.7)	0.003
Characteristics							
Mean age (years)	9.1 (1.8)	-	9.1 (1.8)	9.1 (1.8)	-	9.1 (1.8)	0
Age (years)							
0-2	11 (2.5%)	0 (0.0%)	11 (2.5%)	11 (2.5%)	0 (0.0%)	11 (2.5%)	0
3-4	5 (1.1%)	0 (0.0%)	5 (1.1%)	5 (1.1%)	0 (0.0%)	5 (1.1%)	0
5-6	26 (5.9%)	0 (0.0%)	26 (5.9%)	26 (5.9%)	0 (0.0%)	26 (5.9%)	0
7-8	123 (28.0%)	0 (0.0%)	123 (28.0%)	123 (28.0%)	0 (0.0%)	123 (28.0%)	-
9-10	274 (62.4%)	0 (0.0%)	274 (62.4%)	274 (62.4%)	0 (0.0%)	274 (62.4%)	0
Race ¹							
American Indian or Alaska Native	1 (0.2%)	0 (0.0%)	1 (0.2%)	1 (0.3%)	0 (0.0%)	1 (0.3%)	-0.009
Asian	8 (1.8%)	0 (0.0%)	8 (1.8%)	8 (1.8%)	0 (0.0%)	8 (1.8%)	0.002
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.2%)	13 (2.9%)	0 (0.0%)	13 (2.9%)	0.017
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	-
Unknown	366 (83.4%)	0 (0.0%)	366 (83.4%)	367 (83.6%)	0 (0.0%)	367 (83.6%)	-0.01
White	50 (11.4%)	0 (0.0%)	50 (11.4%)	49 (11.3%)	0 (0.0%)	49 (11.3%)	-
Anti-epileptic drugs	1 (0.2%)	0 (0.0%)	1 (0.2%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	0.021
Anticoagulants	2 (0.5%)	0 (0.0%)	2 (0.5%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Antidepressants	20 (4.6%)	0 (0.0%)	20 (4.6%)	7 (1.7%)	0 (0.0%)	7 (1.7%)	0.166
Beta blockers	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.059
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	12 (2.7%)	0 (0.0%)	12 (2.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Corticosteroids	53 (12.1%)	0 (0.0%)	53 (12.1%)	30 (6.9%)	0 (0.0%)	30 (6.9%)	0.176
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting goserelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	23 (5.2%)	0 (0.0%)	23 (5.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	3 (0.7%)	0 (0.0%)	3 (0.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 8e. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD(all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Medroxyprogesterone	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	1 (0.2%)	0 (0.0%)	1 (0.2%)	1 (0.2%)	0 (0.0%)	1 (0.2%)	0
Short-acting Gonadotropin-Releasing Hormone agonists	5 (1.1%)	0 (0.0%)	5 (1.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	4 (0.9%)	0 (0.0%)	4 (0.9%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	67.6%	0.0%	67.6%	0.0%	0.0%	0.0%	2.048
Precocious Puberty	19.0%	0.0%	19.0%	0.0%	0.0%	0.0%	0.681
Routine Infant Or Child Health Check	13.1%	0.0%	13.1%	4.5%	0.0%	4.5%	0.308
Need Prophylactic	9.2%	0.0%	9.2%	4.4%	0.0%	4.4%	0.193
Vaccination&inoculation Flu							
Acute Pharyngitis	8.9%	0.0%	8.9%	7.2%	0.0%	7.2%	0.065
Acute Uris Of Unspecified Site	8.9%	0.0%	8.9%	4.3%	0.0%	4.3%	0.184
Other Unknown&unspec Cause	8.0%	0.0%	8.0%	4.9%	0.0%	4.9%	0.141
Morbidity/Mortality							
Encounter For Immunization	7.4%	0.0%	7.4%	2.4%	0.0%	2.4%	0.233
Encounter Rtn Child Health Exam W/O Abnorml Find	6.5%	0.0%	6.5%	0.9%	0.0%	0.9%	0.306
Short Stature	6.3%	0.0%	6.3%	0.1%	0.0%	0.1%	0.352
Cough	6.0%	0.0%	6.0%	2.9%	0.0%	2.9%	0.151
Streptococcal Sore Throat	6.0%	0.0%	6.0%	2.7%	0.0%	2.7%	0.16
Add Of Childhood With Hyperactivity	5.7%	0.0%	5.7%	3.2%	0.0%	3.2%	0.119
Pituitary Dwarfism	5.1%	0.0%	5.1%	0.0%	0.0%	0.0%	0.322
Other Hyperfunction Of Pituitary Gland	4.5%	0.0%	4.5%	0.0%	0.0%	0.0%	0.301
Allergic Rhinitis Cause Unspecified	4.2%	0.0%	4.2%	1.7%	0.0%	1.7%	0.146
Unspecified Otitis Media	3.6%	0.0%	3.6%	2.1%	0.0%	2.1%	0.086

Table 8e. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD(all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Acute Sinusitis, Unspecified	3.3%	0.0%	3.3%	0.9%	0.0%	0.9%	0.168
Other Adrenocortical Overactivity	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-
Autistic Disorder Current Or Active State	3.0%	0.0%	3.0%	0.2%	0.0%	0.2%	0.224
Unspecified Hypothyroidism	3.0%	0.0%	3.0%	0.1%	0.0%	0.1%	0.238
Allergic Rhinitis Due To Pollen	2.7%	0.0%	2.7%	0.8%	0.0%	0.8%	0.143
Asthma, Unspecified, Unspecified Status	2.7%	0.0%	2.7%	0.6%	0.0%	0.6%	0.162
Add Childhood Without Mention Hyperactivity	2.4%	0.0%	2.4%	0.8%	0.0%	0.8%	0.123
Attn-Deficit Hyperactivity D/O Combined Type	2.1%	0.0%	2.1%	1.1%	0.0%	1.1%	0.081
Fever Unspecified	2.1%	0.0%	2.1%	0.9%	0.0%	0.9%	0.1
Contact Dermatitis&other Eczema Due Unspec Cause	2.1%	0.0%	2.1%	0.6%	0.0%	0.6%	0.133
Abdominal Pain, Unspecified Site	2.1%	0.0%	2.1%	0.6%	0.0%	0.6%	0.133
Lack Of Coordination	2.1%	0.0%	2.1%	0.2%	0.0%	0.2%	0.172
Abnormal Weight Gain	2.1%	0.0%	2.1%	0.2%	0.0%	0.2%	0.175
Headache	1.8%	0.0%	1.8%	0.5%	0.0%	0.5%	0.117
Hypermetropia	1.8%	0.0%	1.8%	0.2%	0.0%	0.2%	0.164
Unspecified Constipation	1.8%	0.0%	1.8%	0.3%	0.0%	0.3%	0.143
Other Acne	1.8%	0.0%	1.8%	0.1%	0.0%	0.1%	0.171
Unspecified Viral Warts	1.5%	0.0%	1.5%	0.6%	0.0%	0.6%	0.092
Acut Supratv Otitis Media W/O Spont Rup Eardrum	1.5%	0.0%	1.5%	0.3%	0.0%	0.3%	0.134
Other Diseases Of Nasal Cavity And Sinuses	1.5%	0.0%	1.5%	0.2%	0.0%	0.2%	0.139
Other Specified Pre-Operative Examination	1.5%	0.0%	1.5%	0.3%	0.0%	0.3%	0.133
Dietary Counseling And Surveillance	1.5%	0.0%	1.5%	0.1%	0.0%	0.1%	0.166
Other Specified Counseling	1.5%	0.0%	1.5%	0.1%	0.0%	0.1%	0.166
Unspecified Vitamin D Deficiency	1.5%	0.0%	1.5%	0.1%	0.0%	0.1%	0.157
Anxiety Disorder Unspecified	1.5%	0.0%	1.5%	0.1%	0.0%	0.1%	0.172
Malignant Neoplasm Of Brain Unspecified Site	1.5%	0.0%	1.5%	0.0%	0.0%	0.0%	-

Table 8e. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 183 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD(all)
	CPP Controls						
	All	With event	Without event	All	With event	Without event	
Acute Pharyngitis Unspecified	1.2%	0.0%	1.2%	1.4%	0.0%	1.4%	-0.016
Unspecified Viral Infection In Cce & Uns Site	1.2%	0.0%	1.2%	0.2%	0.0%	0.2%	0.119
Unspecified Disturbance Of Conduct	1.2%	0.0%	1.2%	0.3%	0.0%	0.3%	0.11
Allergic Rhinitis Due To Other Allergen	1.2%	0.0%	1.2%	0.3%	0.0%	0.3%	0.109
Bronchitis Not Specified As Acute Or Chronic	1.2%	0.0%	1.2%	0.1%	0.0%	0.1%	0.127
Short Stature Child	1.2%	0.0%	1.2%	0.2%	0.0%	0.2%	0.123
Need Proph Vac W/Comb	1.2%	0.0%	1.2%	0.4%	0.0%	0.4%	0.091
Diphth-Tetanus-Pertuss Vac							
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	7.7%	0.0%	7.7%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	6.3%	0.0%	6.3%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-
Amoxicillin	2.7%	0.0%	2.7%	1.6%	0.0%	1.6%	0.072
Leuprolide Acetate	2.7%	0.0%	2.7%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	2.1%	0.0%	2.1%	2.4%	0.0%	2.4%	-0.02
Leuprolide Acetate	2.1%	0.0%	2.1%	0.0%	0.0%	0.0%	-
Amoxicillin	1.8%	0.0%	1.8%	0.5%	0.0%	0.5%	0.117
Lidocaine/Prilocaine	1.8%	0.0%	1.8%	0.0%	0.0%	0.0%	0.185
Montelukast Sodium	1.5%	0.0%	1.5%	0.9%	0.0%	0.9%	0.058
Albuterol Sulfate	1.5%	0.0%	1.5%	0.4%	0.0%	0.4%	0.107
Ondansetron	1.5%	0.0%	1.5%	0.1%	0.0%	0.1%	0.154
Leuprolide Acetate	1.5%	0.0%	1.5%	0.0%	0.0%	0.0%	-
Fluticasone Propionate	1.2%	0.0%	1.2%	0.1%	0.0%	0.1%	0.128
Ciprofloxacin Hcl/Dexamethasone	0.9%	0.0%	0.9%	0.2%	0.0%	0.2%	0.093
Amoxicillin/Potassium Clavulanate	0.9%	0.0%	0.9%	0.3%	0.0%	0.3%	0.072
Azithromycin	0.9%	0.0%	0.9%	0.4%	0.0%	0.4%	0.063
Prednisone ³	0.9%	0.0%	0.9%	0.1%	0.0%	0.1%	0.12

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 9a. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (N)	439 (100.0%)	19 (100.0%)	420 (100.0%)	439 (100.0%)	17 (100.0%)	422 (100.0%)	-
Follow-up time (person-days; mean, SD)	1,020.3 (918.7)	865.4 (630.7)	1,027.3 (926.2)	1,018.2 (1050.9)	812.8 (715.9)	1,026.6 (1059.9)	0.002
Characteristics							
Mean age (years)	9.1 (1.8)	9.2 (0.8)	9.0 (1.9)	9.1 (1.8)	9.2 (1.6)	9.0 (1.8)	0
Age (years)							
0-2	11 (2.5%)	0 (0.0%)	11 (2.6%)	11 (2.5%)	0 (1.2%)	11 (2.6%)	0
3-4	5 (1.1%)	0 (0.0%)	5 (1.2%)	5 (1.1%)	0 (2.3%)	5 (1.1%)	0
5-6	26 (5.9%)	0 (0.0%)	26 (6.2%)	26 (5.9%)	1 (5.2%)	25 (6.0%)	0
7-8	123 (28.0%)	8 (42.1%)	115 (27.4%)	123 (28.0%)	4 (22.7%)	119 (28.2%)	-
9-10	274 (62.4%)	11 (57.9%)	263 (62.6%)	274 (62.4%)	12 (68.6%)	262 (62.2%)	0
Race ¹							
American Indian or Alaska Native	1 (0.2%)	1 (5.3%)	0 (0.0%)	1 (0.3%)	0 (1.2%)	1 (0.2%)	-0.009
Asian	8 (1.8%)	0 (0.0%)	8 (1.9%)	8 (1.8%)	0 (1.7%)	8 (1.8%)	0.002
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.3%)	13 (2.9%)	0 (1.2%)	13 (3.0%)	0.017
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	-
Unknown	366 (83.4%)	17 (89.5%)	349 (83.1%)	367 (83.6%)	13 (77.3%)	354 (83.9%)	-0.01
White	50 (11.4%)	1 (5.3%)	49 (11.7%)	49 (11.3%)	3 (18.6%)	46 (11.0%)	-
Anti-epileptic drugs	5 (1.1%)	0 (0.0%)	5 (1.2%)	2 (0.5%)	0 (1.2%)	2 (0.5%)	0.068
Anticoagulants	3 (0.7%)	0 (0.0%)	3 (0.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.111
Antidepressants	25 (5.7%)	0 (0.0%)	25 (6.0%)	12 (2.7%)	1 (4.1%)	11 (2.6%)	0.15
Beta blockers	4 (0.9%)	0 (0.0%)	4 (1.0%)	0 (0.0%)	0 (0.6%)	0 (0.0%)	0.125
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	25 (5.7%)	2 (10.5%)	23 (5.5%)	0 (0.1%)	0 (0.0%)	0 (0.1%)	0.341
Corticosteroids	102 (23.2%)	8 (42.1%)	94 (22.4%)	66 (15.0%)	4 (21.5%)	62 (14.8%)	0.21
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting goserelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	38 (8.7%)	3 (15.8%)	35 (8.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	3 (0.7%)	0 (0.0%)	3 (0.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 9a. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Loop diuretics	1 (0.2%)	0 (0.0%)	1 (0.2%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	0.027
Medroxyprogesterone	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	5 (1.1%)	1 (5.3%)	4 (1.0%)	2 (0.5%)	0 (1.2%)	2 (0.5%)	0.068
Short-acting Gonadotropin-Releasing Hormone agonists	7 (1.6%)	0 (0.0%)	7 (1.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	5 (1.1%)	0 (0.0%)	5 (1.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	71.4%	80.0%	71.0%	0.1%	0.7%	0.1%	2.215
Routine Infant Or Child Health Check	42.9%	40.0%	43.0%	33.8%	47.4%	33.2%	0.189
Precocious Puberty	27.1%	13.3%	27.7%	0.0%	0.0%	0.0%	0.86
Need Prophylactic Vaccination&inoculation Flu	26.8%	33.3%	26.5%	17.4%	25.9%	17.0%	0.234
Acute Pharyngitis	21.1%	13.3%	21.5%	16.4%	24.4%	16.0%	0.123
Encounter Rtn Child Health Exam W/O Abnorml Find	20.8%	13.3%	21.2%	11.6%	15.6%	11.4%	0.257
Encounter For Immunization	20.5%	13.3%	20.9%	12.7%	14.1%	12.6%	0.211
Acute Urin Of Unspecified Site	17.9%	13.3%	18.1%	11.1%	14.1%	11.0%	0.193
Cough	13.1%	6.7%	13.4%	7.8%	10.4%	7.7%	0.173
Other Unknown&unspec Cause Morbidity/Mortality	11.3%	6.7%	11.5%	7.9%	8.9%	7.8%	0.138
Short Stature	11.3%	6.7%	11.5%	0.6%	0.7%	0.6%	0.465
Streptococcal Sore Throat	10.7%	6.7%	10.9%	6.3%	12.6%	6.0%	0.162
Allergic Rhinitis Cause Unspecified	10.1%	0.0%	10.6%	5.5%	7.4%	5.5%	0.172
Acute Sinusitis, Unspecified	8.9%	13.3%	8.7%	4.5%	10.4%	4.2%	0.178

Table 9a. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD (all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Need Proph Vacc Against Oth Spec Vacc	8.3%	13.3%	8.1%	6.5%	11.9%	6.3%	0.07
Add Of Childhood With Hyperactivity	8.3%	0.0%	8.7%	5.6%	6.7%	5.6%	0.107
Asthma, Unspecified, Unspecified Status	8.0%	0.0%	8.4%	4.0%	5.9%	4.0%	0.168
Other Hyperfunction Of Pituitary Gland	8.0%	0.0%	8.4%	0.0%	0.0%	0.0%	0.413
Need Proph Vac W/Comb Diphth-Tetanus-Pertuss Vac	7.7%	6.7%	7.8%	6.6%	13.3%	6.4%	0.043
Unspecified Otitis Media	7.7%	6.7%	7.8%	4.8%	3.7%	4.8%	0.124
Unspecified Viral Infection In Cce & Uns Site	7.4%	13.3%	7.2%	4.9%	8.1%	4.8%	0.106
Acute Pharyngitis Unspecified	7.1%	6.7%	7.2%	5.2%	4.4%	5.2%	0.082
Dietary Counseling And Surveillance	7.1%	0.0%	7.5%	2.6%	3.0%	2.6%	0.232
Pituitary Dwarfism	6.8%	13.3%	6.5%	0.1%	0.7%	0.1%	0.372
Abdominal Pain, Unspecified Site	6.5%	6.7%	6.5%	2.9%	5.2%	2.8%	0.171
Headache	6.3%	6.7%	6.2%	2.9%	3.0%	2.9%	0.159
Pain In Soft Tissues Of Limb	6.0%	13.3%	5.6%	3.0%	3.7%	2.9%	0.145
Fever Unspecified	6.0%	0.0%	6.2%	3.0%	3.7%	3.0%	0.146
Add Childhood Without Mention Hyperactivity	4.8%	0.0%	5.0%	2.3%	5.9%	2.1%	0.134
Vomiting Alone	4.5%	0.0%	4.7%	1.8%	3.7%	1.7%	0.157
Hypermetropia	4.5%	13.3%	4.0%	1.5%	3.0%	1.4%	0.182
Acute Upper Respiratory Infection Unspecified	4.2%	0.0%	4.4%	3.6%	0.0%	3.7%	0.031
Need Proph Vacc&inoculat Against Varicella	4.2%	20.0%	3.4%	2.1%	4.4%	2.0%	0.121
Dietary Surveillance And Counseling	4.2%	0.0%	4.4%	2.2%	1.5%	2.2%	0.13
Autistic Disorder Current Or Active State	4.2%	0.0%	4.4%	0.4%	0.7%	0.4%	0.255
Short Stature Child	4.2%	0.0%	4.4%	0.3%	0.7%	0.3%	0.263
Other Adrenocortical Overactivity	4.2%	0.0%	4.4%	0.0%	0.0%	0.0%	-
Need Proph Vacc&inoculat Against Viral Hep	3.9%	6.7%	3.7%	2.7%	1.5%	2.7%	0.069

Table 9a. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Encounter Rtn Child Health Exam W/Abnormal Find	3.9%	0.0%	4.0%	1.0%	0.0%	1.1%	0.186
Fever Unspecified	3.6%	0.0%	3.7%	2.1%	0.7%	2.2%	0.088
Attn-Deficit Hyperactivity D/O Combined Type	3.3%	6.7%	3.1%	1.7%	2.2%	1.6%	0.104
Allergic Rhinitis Due To Pollen	3.3%	0.0%	3.4%	1.0%	2.2%	0.9%	0.162
Acute Sinusitis Unspecified	3.3%	0.0%	3.4%	0.7%	0.0%	0.7%	0.189
Cough	3.3%	0.0%	3.4%	0.7%	0.7%	0.7%	0.189
Other Specified Counseling	3.3%	0.0%	3.4%	0.7%	0.7%	0.7%	0.26
Streptococcal Pharyngitis	3.0%	6.7%	2.8%	2.3%	1.5%	2.3%	0.045
Contact Dermatitis&other Eczema Due Unspec Cause	3.0%	0.0%	3.1%	1.4%	4.4%	1.3%	0.109
Lack Normal Physiological Development Unspec	3.0%	0.0%	3.1%	0.1%	0.7%	0.1%	0.232
Influenza With Other Respiratory Manifestations	2.7%	6.7%	2.5%	0.9%	0.0%	0.9%	0.137
Anxiety State, Unspecified	2.7%	0.0%	2.8%	0.7%	0.0%	0.7%	0.158
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	10.7%	0.0%	11.2%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	10.1%	13.3%	10.0%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	6.3%	6.7%	6.2%	4.9%	5.9%	4.8%	0.061
Amoxicillin	6.0%	6.7%	5.9%	5.4%	9.6%	5.3%	0.022
Leuprolide Acetate	5.4%	0.0%	5.6%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.9%	6.7%	3.7%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.6%	0.0%	3.7%	0.0%	0.0%	0.0%	-
Amoxicillin	3.0%	0.0%	3.1%	1.3%	0.0%	1.4%	0.113
Amoxicillin	3.0%	6.7%	2.8%	1.4%	2.2%	1.4%	0.109
Albuterol Sulfate	2.7%	0.0%	2.8%	1.1%	0.7%	1.1%	0.117
Lidocaine/Prilocaine	2.7%	6.7%	2.5%	0.0%	0.0%	0.0%	0.232
Mometasone Furoate	2.4%	6.7%	2.2%	1.6%	3.7%	1.5%	0.055
Montelukast Sodium	2.4%	0.0%	2.5%	0.8%	3.0%	0.7%	0.124
Leuprolide Acetate	2.4%	0.0%	2.5%	0.0%	0.0%	0.0%	-

Table 9a. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Prednisone ³	2.1%	0.0%	2.2%	0.2%	0.0%	0.2%	0.175
Leuprolide Acetate	2.1%	0.0%	2.2%	0.0%	0.0%	0.0%	-
Azithromycin	1.8%	0.0%	1.9%	1.1%	3.0%	1.1%	0.055
Amoxicillin	1.8%	0.0%	1.9%	0.7%	1.5%	0.7%	0.1
Leuprolide Acetate	1.8%	0.0%	1.9%	0.0%	0.0%	0.0%	-
Azithromycin	1.5%	0.0%	1.6%	0.8%	0.7%	0.8%	0.061

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 9b. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD (all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Patients (N)	432 (100.0%)	19 (100.0%)	413 (100.0%)	432 (100.0%)	14 (100.0%)	418 (100.0%)	-
Follow-up time (person-days; mean, SD)	1,014.5 (918.8)	865.4 (630.7)	1,021.4 (926.3)	1,021.1 (962.1)	762.7 (531.5)	1,029.7 (971.4)	-0.007
Characteristics							
Mean age (years)	9.1 (1.8)	9.2 (0.8)	9.1 (1.8)	9.1 (1.7)	8.8 (2.3)	9.1 (1.7)	0.009
Age (years)							
0-2	9 (2.1%)	0 (0.0%)	9 (2.2%)	10 (2.2%)	1 (8.1%)	9 (2.0%)	-0.011
3-4	5 (1.2%)	0 (0.0%)	5 (1.2%)	4 (0.9%)	0 (1.8%)	4 (0.9%)	0.025
5-6	25 (5.8%)	0 (0.0%)	25 (6.1%)	26 (6.1%)	1 (4.5%)	26 (6.2%)	-0.015
7-8	120 (27.8%)	8 (42.1%)	112 (27.1%)	118 (27.2%)	3 (22.0%)	115 (27.4%)	0.012
9-10	273 (63.2%)	11 (57.9%)	262 (63.4%)	274 (63.5%)	9 (63.7%)	265 (63.5%)	-0.006
Race ¹							
American Indian or Alaska Native	1 (0.2%)	1 (5.3%)	0 (0.0%)	0 (0.1%)	0 (0.0%)	0 (0.1%)	0.036
Asian	7 (1.6%)	0 (0.0%)	7 (1.7%)	6 (1.5%)	0 (0.0%)	6 (1.5%)	0.014
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.4%)	21 (5.0%)	0 (0.7%)	21 (5.1%)	-0.095
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	1 (0.2%)	-
Unknown	363 (84.0%)	17 (89.5%)	346 (83.8%)	356 (82.5%)	13 (89.6%)	344 (82.2%)	0.057
White	47 (10.9%)	1 (5.3%)	46 (11.1%)	47 (10.8%)	1 (9.6%)	45 (10.8%)	0.003
Anti-epileptic drugs	5 (1.2%)	0 (0.0%)	5 (1.2%)	6 (1.3%)	0 (0.7%)	6 (1.3%)	-0.015
Anticoagulants	3 (0.7%)	0 (0.0%)	3 (0.7%)	1 (0.2%)	0 (1.4%)	1 (0.2%)	0.074
Antidepressants	25 (5.8%)	0 (0.0%)	25 (6.1%)	18 (4.1%)	1 (3.7%)	17 (4.1%)	0.079
Beta blockers	4 (0.9%)	0 (0.0%)	4 (1.0%)	1 (0.2%)	0 (0.0%)	1 (0.2%)	0.101
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.7%)	0 (0.0%)	-
Chemotherapy	25 (5.8%)	2 (10.5%)	23 (5.6%)	4 (0.9%)	0 (0.0%)	4 (0.9%)	0.275
Corticosteroids	98 (22.7%)	8 (42.1%)	90 (21.8%)	71 (16.5%)	4 (30.3%)	67 (16.0%)	0.157
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting goserelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	38 (8.8%)	3 (15.8%)	35 (8.5%)	5 (1.2%)	0 (1.2%)	5 (1.2%)	0.354
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	3 (0.7%)	0 (0.0%)	3 (0.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 9b. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Loop diuretics	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.9%)	0 (0.0%)	0.056
Medroxyprogesterone	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.061
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	5 (1.2%)	1 (5.3%)	4 (1.0%)	3 (0.6%)	0 (1.8%)	2 (0.5%)	0.062
Short-acting Gonadotropin-Releasing Hormone agonists	7 (1.6%)	0 (0.0%)	7 (1.7%)	1 (0.2%)	0 (0.0%)	1 (0.2%)	0.154
Short-acting gonadorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.1%)	0 (0.0%)	0 (0.1%)	-
Short-acting histrelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.059
Short-acting leuprolide acetate	5 (1.2%)	0 (0.0%)	5 (1.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.144
Short-acting nafarelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.061
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	71.4%	80.0%	71.0%	26.3%	30.1%	26.2%	1.007
Routine Infant Or Child Health Check	43.2%	40.0%	43.3%	44.7%	74.7%	43.7%	-0.031
Need Prophylactic Vaccination&inoculation Flu	26.7%	33.3%	26.4%	23.9%	37.8%	23.5%	0.066
Precocious Puberty	26.4%	13.3%	27.1%	8.6%	2.3%	8.8%	0.483
Acute Pharyngitis	21.6%	13.3%	22.0%	16.9%	25.1%	16.6%	0.119
Encounter Rtn Child Health Exam W/O Abnorml Find	20.4%	13.3%	20.7%	19.0%	12.6%	19.2%	0.034
Encounter For Immunization	20.4%	13.3%	20.7%	17.9%	12.2%	18.1%	0.061
Acute Urin Of Unspecified Site	16.7%	13.3%	16.9%	12.0%	23.1%	11.6%	0.135
Cough	12.5%	6.7%	12.7%	11.0%	21.9%	10.6%	0.047
Short Stature	11.9%	6.7%	12.1%	5.9%	6.5%	5.9%	0.208
Other Unknown&unspec Cause Morbidity/Mortality	11.6%	6.7%	11.8%	8.7%	6.4%	8.8%	0.111
Streptococcal Sore Throat	10.9%	6.7%	11.1%	5.8%	7.5%	5.8%	0.187
Allergic Rhinitis Cause Unspecified	10.0%	0.0%	10.5%	6.6%	17.0%	6.2%	0.125
Need Proph Vacc Against Oth Spec Vacc	8.5%	13.3%	8.3%	7.3%	16.9%	7.0%	0.044

Table 9b. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Acute Sinusitis, Unspecified	8.5%	13.3%	8.3%	5.8%	22.0%	5.3%	0.104
Add Of Childhood With Hyperactivity	8.2%	0.0%	8.6%	5.9%	8.9%	5.8%	0.089
Need Proph Vac W/Comb	7.9%	6.7%	8.0%	8.0%	17.5%	7.7%	-0.003
Diphth-Tetanus-Pertuss Vac							
Asthma, Unspecified, Unspecified Status	7.9%	0.0%	8.3%	4.8%	5.7%	4.7%	0.129
Other Hyperfunction Of Pituitary Gland	7.9%	0.0%	8.3%	0.6%	0.0%	0.6%	0.368
Unspecified Viral Infection In Cce & Uns Site	7.6%	13.3%	7.3%	5.6%	17.5%	5.2%	0.081
Acute Pharyngitis Unspecified	7.3%	6.7%	7.3%	6.2%	6.7%	6.2%	0.045
Unspecified Otitis Media	7.3%	6.7%	7.3%	5.2%	14.2%	4.9%	0.086
Dietary Counseling And Surveillance	7.0%	0.0%	7.3%	4.1%	4.2%	4.1%	0.134
Pituitary Dwarfism	7.0%	13.3%	6.7%	1.5%	1.6%	1.5%	0.274
Headache	6.4%	6.7%	6.4%	3.4%	1.9%	3.5%	0.139
Abdominal Pain, Unspecified Site	6.4%	6.7%	6.4%	3.1%	4.4%	3.1%	0.153
Pain In Soft Tissues Of Limb	6.1%	13.3%	5.7%	3.7%	13.3%	3.4%	0.109
Fever Unspecified	5.5%	0.0%	5.7%	2.3%	0.9%	2.3%	0.172
Add Childhood Without Mention Hyperactivity	4.9%	0.0%	5.1%	2.9%	1.9%	2.9%	0.101
Other Adrenocortical Overactivity	4.9%	0.0%	5.1%	2.5%	1.3%	2.5%	0.13
Hypermetropia	4.6%	13.3%	4.1%	1.5%	1.9%	1.4%	0.187
Autistic Disorder Current Or Active State	4.3%	0.0%	4.5%	2.1%	3.0%	2.1%	0.124
Short Stature Child	4.3%	0.0%	4.5%	1.7%	0.0%	1.8%	0.148
Acute Upper Respiratory Infection Unspecified	4.0%	0.0%	4.1%	3.6%	3.5%	3.6%	0.016
Dietary Surveillance And Counseling	4.0%	0.0%	4.1%	2.8%	10.0%	2.5%	0.077
Need Proph Vacc&inoculat Against Varicella	4.0%	20.0%	3.2%	1.8%	4.1%	1.7%	0.133
Encounter Rtn Child Health Exam W/Abnormal Find	4.0%	0.0%	4.1%	1.8%	0.9%	1.9%	0.128
Vomiting Alone	4.0%	0.0%	4.1%	1.5%	3.3%	1.5%	0.15

Table 9b. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD (all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Need Proph Vacc&inoculat Against Viral Hep	3.6%	6.7%	3.5%	3.2%	4.2%	3.2%	0.025
Fever Unspecified	3.6%	0.0%	3.8%	2.2%	0.9%	2.2%	0.089
Attn-Deficit Hyperactivity D/O Combined Type	3.6%	6.7%	3.5%	2.0%	2.6%	1.9%	0.103
Acute Sinusitis Unspecified	3.3%	0.0%	3.5%	1.5%	1.2%	1.5%	0.123
Allergic Rhinitis Due To Pollen	3.3%	0.0%	3.5%	1.2%	3.9%	1.1%	0.145
Streptococcal Pharyngitis	3.3%	6.7%	3.2%	1.3%	1.9%	1.3%	0.135
Contact Dermatitis&other Eczema Due Unspec Cause	3.0%	0.0%	3.2%	1.9%	7.2%	1.8%	0.072
Cough	3.0%	0.0%	3.2%	1.5%	0.0%	1.6%	0.102
Other Specified Counseling	3.0%	0.0%	3.2%	1.1%	0.9%	1.1%	0.183
Lack Normal Physiological Development Unspec	3.0%	0.0%	3.2%	0.7%	2.3%	0.7%	0.174
Abnormal Weight Gain	2.7%	6.7%	2.5%	1.6%	4.9%	1.4%	0.082
Influenza With Other Respiratory Manifestations	2.7%	6.7%	2.5%	1.2%	0.0%	1.2%	0.115

Table 9b. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP			Matched CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	10.9%	0.0%	11.5%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	10.3%	13.3%	10.2%	0.0%	0.0%	0.0%	-
Amoxicillin	6.1%	6.7%	6.1%	6.0%	14.8%	5.7%	0.005
Albuterol Sulfate	5.5%	6.7%	5.4%	5.0%	4.0%	5.0%	0.022
Leuprolide Acetate	5.5%	0.0%	5.7%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	4.0%	6.7%	3.8%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.6%	0.0%	3.8%	0.0%	0.0%	0.0%	-
Amoxicillin	2.7%	0.0%	2.9%	1.5%	3.8%	1.4%	0.088
Amoxicillin	2.7%	6.7%	2.5%	1.4%	2.8%	1.3%	0.098
Lidocaine/Prilocaine	2.7%	6.7%	2.5%	0.1%	0.0%	0.1%	0.227
Albuterol Sulfate	2.4%	0.0%	2.5%	1.7%	0.0%	1.7%	0.054
Mometasone Furoate	2.4%	6.7%	2.2%	1.6%	4.8%	1.5%	0.058
Montelukast Sodium	2.4%	0.0%	2.5%	0.7%	2.9%	0.6%	0.138
Leuprolide Acetate	2.4%	0.0%	2.5%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	2.1%	0.0%	2.2%	0.0%	0.0%	0.0%	-
Azithromycin	1.8%	0.0%	1.9%	1.2%	2.2%	1.2%	0.052
Amoxicillin	1.8%	0.0%	1.9%	0.9%	1.6%	0.8%	0.084
Leuprolide Acetate	1.8%	0.0%	1.9%	0.0%	0.0%	0.0%	-
Azithromycin	1.5%	0.0%	1.6%	1.7%	2.3%	1.6%	-0.011
Azithromycin ³	1.5%	0.0%	1.6%	0.5%	0.0%	0.5%	0.108

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 9c. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (N)	439 (100.0%)	59 (100.0%)	380 (100.0%)	439 (100.0%)	53 (100.0%)	386 (100.0%)	-
Follow-up time (person-days; mean, SD)	937.0 (871.2)	772.0 (619.0)	962.6 (900.5)	921.7 (954.3)	958.8 (823.9)	916.6 (968.6)	0.017
Characteristics							
Mean age (years)	9.1 (1.8)	9.1 (1.1)	9.0 (1.9)	9.1 (1.8)	9.5 (1.4)	9.0 (1.8)	0
Age (years)							
0-2	11 (2.5%)	0 (0.0%)	11 (2.9%)	11 (2.5%)	0 (0.8%)	11 (2.7%)	0
3-4	5 (1.1%)	0 (0.0%)	5 (1.3%)	5 (1.1%)	1 (1.5%)	4 (1.1%)	0
5-6	26 (5.9%)	3 (5.1%)	23 (6.1%)	26 (5.9%)	2 (4.4%)	24 (6.1%)	0
7-8	123 (28.0%)	24 (40.7%)	99 (26.1%)	123 (28.0%)	11 (19.9%)	113 (29.1%)	-
9-10	274 (62.4%)	32 (54.2%)	242 (63.7%)	274 (62.4%)	39 (73.5%)	235 (60.9%)	0
Race ¹							
American Indian or Alaska Native	1 (0.2%)	1 (1.7%)	0 (0.0%)	1 (0.3%)	1 (0.9%)	1 (0.2%)	-0.009
Asian	8 (1.8%)	0 (0.0%)	8 (2.1%)	8 (1.8%)	1 (2.1%)	7 (1.8%)	0.002
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.7%)	13 (2.9%)	2 (3.8%)	11 (2.8%)	0.017
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	-
Unknown	366 (83.4%)	50 (84.7%)	316 (83.2%)	367 (83.6%)	40 (75.0%)	328 (84.8%)	-0.01
White	50 (11.4%)	8 (13.6%)	42 (11.1%)	49 (11.3%)	10 (18.2%)	40 (10.3%)	-
Anti-epileptic drugs	5 (1.1%)	0 (0.0%)	5 (1.3%)	2 (0.5%)	0 (0.8%)	2 (0.5%)	0.068
Anticoagulants	3 (0.7%)	0 (0.0%)	3 (0.8%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.111
Antidepressants	25 (5.7%)	0 (0.0%)	25 (6.6%)	12 (2.7%)	1 (2.7%)	10 (2.7%)	0.15
Beta blockers	4 (0.9%)	0 (0.0%)	4 (1.1%)	0 (0.0%)	0 (0.2%)	0 (0.0%)	0.125
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	25 (5.7%)	4 (6.8%)	21 (5.5%)	0 (0.1%)	0 (0.0%)	0 (0.1%)	0.341
Corticosteroids	102 (23.2%)	22 (37.3%)	80 (21.1%)	66 (15.0%)	12 (23.1%)	54 (13.9%)	0.21
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting goserelin	1 (0.2%)	0 (0.0%)	1 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	38 (8.7%)	3 (5.1%)	35 (9.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	3 (0.7%)	0 (0.0%)	3 (0.8%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 9c. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Loop diuretics	1 (0.2%)	0 (0.0%)	1 (0.3%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	0.027
Medroxyprogesterone	1 (0.2%)	0 (0.0%)	1 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	5 (1.1%)	2 (3.4%)	3 (0.8%)	2 (0.5%)	1 (1.3%)	2 (0.4%)	0.068
Short-acting Gonadotropin-Releasing Hormone agonists	7 (1.6%)	0 (0.0%)	7 (1.8%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	1 (0.2%)	0 (0.0%)	1 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	5 (1.1%)	0 (0.0%)	5 (1.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	1 (0.2%)	0 (0.0%)	1 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	71.4%	87.0%	69.0%	0.1%	0.2%	0.1%	2.215
Routine Infant Or Child Health Check	42.9%	58.7%	40.3%	33.8%	51.6%	31.3%	0.189
Precocious Puberty	27.1%	13.0%	29.3%	0.0%	0.0%	0.0%	0.86
Need Prophylactic Vaccination&inoculation Flu	26.8%	41.3%	24.5%	17.4%	24.7%	16.3%	0.234
Acute Pharyngitis	21.1%	28.3%	20.0%	16.4%	24.9%	15.2%	0.123
Encounter Rtn Child Health Exam W/O Abnorml Find	20.8%	10.9%	22.4%	11.6%	9.1%	11.9%	0.257
Encounter For Immunization	20.5%	13.0%	21.7%	12.7%	9.4%	13.1%	0.211
Acute Uris Of Unspecified Site	17.9%	23.9%	16.9%	11.1%	16.0%	10.4%	0.193
Cough	13.1%	13.0%	13.1%	7.8%	12.1%	7.2%	0.173
Other Unknown&unspec Cause Morbidity/Mortality	11.3%	10.9%	11.4%	7.9%	8.6%	7.7%	0.138
Short Stature	11.3%	13.0%	11.0%	0.6%	0.5%	0.6%	0.465
Streptococcal Sore Throat	10.7%	8.7%	11.0%	6.3%	10.4%	5.7%	0.162
Allergic Rhinitis Cause Unspecified	10.1%	17.4%	9.0%	5.5%	8.6%	5.1%	0.172
Acute Sinusitis, Unspecified	8.9%	17.4%	7.6%	4.5%	8.1%	4.0%	0.178

Table 9c. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Need Proph Vacc Against Oth Spec Vacc	8.3%	8.7%	8.3%	6.5%	10.9%	5.9%	0.07
Add Of Childhood With Hyperactivity	8.3%	6.5%	8.6%	5.6%	6.7%	5.5%	0.107
Asthma, Unspecified, Unspecified Status	8.0%	10.9%	7.6%	4.0%	7.9%	3.5%	0.168
Other Hyperfunction Of Pituitary Gland	8.0%	4.3%	8.6%	0.0%	0.0%	0.0%	0.413
Need Proph Vac W/Comb Diphth-Tetanus-Pertuss Vac	7.7%	6.5%	7.9%	6.6%	11.9%	5.9%	0.043
Unspecified Otitis Media	7.7%	8.7%	7.6%	4.8%	6.7%	4.5%	0.124
Unspecified Viral Infection In Cce & Uns Site	7.4%	13.0%	6.6%	4.9%	6.9%	4.6%	0.106
Acute Pharyngitis Unspecified	7.1%	4.3%	7.6%	5.2%	4.0%	5.3%	0.082
Dietary Counseling And Surveillance	7.1%	0.0%	8.3%	2.6%	2.0%	2.7%	0.232
Pituitary Dwarfism	6.8%	8.7%	6.6%	0.1%	0.2%	0.1%	0.372
Abdominal Pain, Unspecified Site	6.5%	8.7%	6.2%	2.9%	5.7%	2.5%	0.171
Headache	6.3%	8.7%	5.9%	2.9%	4.4%	2.7%	0.159
Pain In Soft Tissues Of Limb	6.0%	6.5%	5.9%	3.0%	9.4%	2.1%	0.145
Fever Unspecified	6.0%	4.3%	6.2%	3.0%	4.0%	2.9%	0.146
Add Childhood Without Mention Hyperactivity	4.8%	2.2%	5.2%	2.3%	3.7%	2.1%	0.134
Vomiting Alone	4.5%	6.5%	4.1%	1.8%	4.4%	1.4%	0.157
Hypermetropia	4.5%	4.3%	4.5%	1.5%	2.2%	1.4%	0.182
Acute Upper Respiratory Infection Unspecified	4.2%	0.0%	4.8%	3.6%	1.7%	3.8%	0.031
Need Proph Vacc&inoculat Against Varicella	4.2%	10.9%	3.1%	2.1%	5.2%	1.7%	0.121
Dietary Surveillance And Counseling	4.2%	4.3%	4.1%	2.2%	5.2%	1.8%	0.13
Autistic Disorder Current Or Active State	4.2%	0.0%	4.8%	0.4%	0.7%	0.3%	0.255
Short Stature Child	4.2%	2.2%	4.5%	0.3%	0.2%	0.3%	0.263
Other Adrenocortical Overactivity	4.2%	0.0%	4.8%	0.0%	0.0%	0.0%	-
Need Proph Vacc&inoculat Against Viral Hep	3.9%	2.2%	4.1%	2.7%	3.0%	2.6%	0.069

Table 9c. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Encounter Rtn Child Health Exam W/Abnormal Find	3.9%	2.2%	4.1%	1.0%	0.0%	1.2%	0.186
Fever Unspecified	3.6%	2.2%	3.8%	2.1%	0.5%	2.3%	0.088
Attn-Deficit Hyperactivity D/O Combined Type	3.3%	2.2%	3.4%	1.7%	1.0%	1.8%	0.104
Allergic Rhinitis Due To Pollen	3.3%	4.3%	3.1%	1.0%	2.2%	0.8%	0.162
Acute Sinusitis Unspecified	3.3%	0.0%	3.8%	0.7%	0.7%	0.6%	0.189
Cough	3.3%	0.0%	3.8%	0.7%	0.5%	0.7%	0.189
Other Specified Counseling	3.3%	0.0%	3.8%	0.7%	1.0%	0.6%	0.26
Streptococcal Pharyngitis	3.0%	4.3%	2.8%	2.3%	0.7%	2.5%	0.045
Contact Dermatitis&other Eczema Due Unspec Cause	3.0%	6.5%	2.4%	1.4%	3.0%	1.2%	0.109
Lack Normal Physiological Development Unspec	3.0%	0.0%	3.4%	0.1%	0.5%	0.1%	0.232
Influenza With Other Respiratory Manifestations	2.7%	6.5%	2.1%	0.9%	0.7%	0.9%	0.137
Anxiety State, Unspecified	2.7%	2.2%	2.8%	0.7%	0.2%	0.7%	0.158

Table 9c. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	10.7%	17.4%	9.7%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	10.1%	17.4%	9.0%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	6.3%	10.9%	5.5%	4.9%	7.7%	4.5%	0.061
Amoxicillin	6.0%	4.3%	6.2%	5.4%	6.4%	5.3%	0.022
Leuprolide Acetate	5.4%	6.5%	5.2%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.9%	8.7%	3.1%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.6%	2.2%	3.8%	0.0%	0.0%	0.0%	-
Amoxicillin	3.0%	2.2%	3.1%	1.3%	1.5%	1.3%	0.113
Amoxicillin	3.0%	6.5%	2.4%	1.4%	2.0%	1.3%	0.109
Albuterol Sulfate	2.7%	2.2%	2.8%	1.1%	1.0%	1.2%	0.117
Lidocaine/Prilocaine	2.7%	2.2%	2.8%	0.0%	0.0%	0.0%	0.232
Mometasone Furoate	2.4%	4.3%	2.1%	1.6%	3.5%	1.4%	0.055
Montelukast Sodium	2.4%	2.2%	2.4%	0.8%	2.0%	0.7%	0.124
Leuprolide Acetate	2.4%	2.2%	2.4%	0.0%	0.0%	0.0%	-
Prednisone ³	2.1%	4.3%	1.7%	0.2%	0.2%	0.2%	0.175
Leuprolide Acetate	2.1%	8.7%	1.0%	0.0%	0.0%	0.0%	-
Azithromycin	1.8%	6.5%	1.0%	1.1%	2.0%	1.0%	0.055
Amoxicillin	1.8%	6.5%	1.0%	0.7%	1.0%	0.6%	0.1
Leuprolide Acetate	1.8%	0.0%	2.1%	0.0%	0.0%	0.0%	-
Azithromycin	1.5%	0.0%	1.7%	0.8%	0.5%	0.9%	0.061

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 9d. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD (all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Patients (N)	439 (100.0%)	0 (0.0%)	439 (100.0%)	439 (100.0%)	0 (0.0%)	439 (100.0%)	-
Follow-up time (person-days; mean, SD)	1,069.9 (948.5)	-	1,069.9 (948.5)	1,066.8 (1088.7)	-	1,066.8 (1088.7)	0.003
Characteristics							
Mean age (years)	9.1 (1.8)	-	9.1 (1.8)	9.1 (1.8)	-	9.1 (1.8)	0
Age (years)							
0-2	11 (2.5%)	0 (0.0%)	11 (2.5%)	11 (2.5%)	0 (0.0%)	11 (2.5%)	0
3-4	5 (1.1%)	0 (0.0%)	5 (1.1%)	5 (1.1%)	0 (0.0%)	5 (1.1%)	0
5-6	26 (5.9%)	0 (0.0%)	26 (5.9%)	26 (5.9%)	0 (0.0%)	26 (5.9%)	0
7-8	123 (28.0%)	0 (0.0%)	123 (28.0%)	123 (28.0%)	0 (0.0%)	123 (28.0%)	-
9-10	274 (62.4%)	0 (0.0%)	274 (62.4%)	274 (62.4%)	0 (0.0%)	274 (62.4%)	0
Race ¹							
American Indian or Alaska Native	1 (0.2%)	0 (0.0%)	1 (0.2%)	1 (0.3%)	0 (0.0%)	1 (0.3%)	-0.009
Asian	8 (1.8%)	0 (0.0%)	8 (1.8%)	8 (1.8%)	0 (0.0%)	8 (1.8%)	0.002
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.2%)	13 (2.9%)	0 (0.0%)	13 (2.9%)	0.017
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	-
Unknown	366 (83.4%)	0 (0.0%)	366 (83.4%)	367 (83.6%)	0 (0.0%)	367 (83.6%)	-0.01
White	50 (11.4%)	0 (0.0%)	50 (11.4%)	49 (11.3%)	0 (0.0%)	49 (11.3%)	-
Anti-epileptic drugs	5 (1.1%)	0 (0.0%)	5 (1.1%)	2 (0.5%)	0 (0.0%)	2 (0.5%)	0.068
Anticoagulants	3 (0.7%)	0 (0.0%)	3 (0.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.111
Antidepressants	25 (5.7%)	0 (0.0%)	25 (5.7%)	12 (2.7%)	0 (0.0%)	12 (2.7%)	0.15
Beta blockers	4 (0.9%)	0 (0.0%)	4 (0.9%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.125
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	25 (5.7%)	0 (0.0%)	25 (5.7%)	0 (0.1%)	0 (0.0%)	0 (0.1%)	0.341
Corticosteroids	102 (23.2%)	0 (0.0%)	102 (23.2%)	66 (15.0%)	0 (0.0%)	66 (15.0%)	0.21
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting goserelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	38 (8.7%)	0 (0.0%)	38 (8.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	3 (0.7%)	0 (0.0%)	3 (0.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 9d. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	CPP Controls						
	All	With event	Without event	All	With event	Without event	
Loop diuretics	1 (0.2%)	0 (0.0%)	1 (0.2%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	0.027
Medroxyprogesterone	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	5 (1.1%)	0 (0.0%)	5 (1.1%)	2 (0.5%)	0 (0.0%)	2 (0.5%)	0.068
Short-acting Gonadotropin-Releasing Hormone agonists	7 (1.6%)	0 (0.0%)	7 (1.6%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	5 (1.1%)	0 (0.0%)	5 (1.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	71.4%	0.0%	71.4%	0.1%	0.0%	0.1%	2.215
Routine Infant Or Child Health Check	42.9%	0.0%	42.9%	33.8%	0.0%	33.8%	0.189
Precocious Puberty	27.1%	0.0%	27.1%	0.0%	0.0%	0.0%	0.86
Need Prophylactic Vaccination&inoculation Flu	26.8%	0.0%	26.8%	17.4%	0.0%	17.4%	0.234
Acute Pharyngitis	21.1%	0.0%	21.1%	16.4%	0.0%	16.4%	0.123
Encounter Rtn Child Health Exam W/O Abnorml Find	20.8%	0.0%	20.8%	11.6%	0.0%	11.6%	0.257
Encounter For Immunization	20.5%	0.0%	20.5%	12.7%	0.0%	12.7%	0.211
Acute Uris Of Unspecified Site	17.9%	0.0%	17.9%	11.1%	0.0%	11.1%	0.193
Cough	13.1%	0.0%	13.1%	7.8%	0.0%	7.8%	0.173
Other Unknown&unspec Cause Morbidity/Mortality	11.3%	0.0%	11.3%	7.9%	0.0%	7.9%	0.138
Short Stature	11.3%	0.0%	11.3%	0.6%	0.0%	0.6%	0.465
Streptococcal Sore Throat	10.7%	0.0%	10.7%	6.3%	0.0%	6.3%	0.162
Allergic Rhinitis Cause Unspecified	10.1%	0.0%	10.1%	5.5%	0.0%	5.5%	0.172
Acute Sinusitis, Unspecified	8.9%	0.0%	8.9%	4.5%	0.0%	4.5%	0.178

Table 9d. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Need Proph Vacc Against Oth Spec Vacc	8.3%	0.0%	8.3%	6.5%	0.0%	6.5%	0.07
Add Of Childhood With Hyperactivity	8.3%	0.0%	8.3%	5.6%	0.0%	5.6%	0.107
Asthma, Unspecified, Unspecified Status	8.0%	0.0%	8.0%	4.0%	0.0%	4.0%	0.168
Other Hyperfunction Of Pituitary Gland	8.0%	0.0%	8.0%	0.0%	0.0%	0.0%	0.413
Need Proph Vac W/Comb Diphth-Tetanus-Pertuss Vac	7.7%	0.0%	7.7%	6.6%	0.0%	6.6%	0.043
Unspecified Otitis Media	7.7%	0.0%	7.7%	4.8%	0.0%	4.8%	0.124
Unspecified Viral Infection In Cce & Uns Site	7.4%	0.0%	7.4%	4.9%	0.0%	4.9%	0.106
Acute Pharyngitis Unspecified	7.1%	0.0%	7.1%	5.2%	0.0%	5.2%	0.082
Dietary Counseling And Surveillance	7.1%	0.0%	7.1%	2.6%	0.0%	2.6%	0.232
Pituitary Dwarfism	6.8%	0.0%	6.8%	0.1%	0.0%	0.1%	0.372
Abdominal Pain, Unspecified Site	6.5%	0.0%	6.5%	2.9%	0.0%	2.9%	0.171
Headache	6.3%	0.0%	6.3%	2.9%	0.0%	2.9%	0.159
Pain In Soft Tissues Of Limb	6.0%	0.0%	6.0%	3.0%	0.0%	3.0%	0.145
Fever Unspecified	6.0%	0.0%	6.0%	3.0%	0.0%	3.0%	0.146
Add Childhood Without Mention Hyperactivity	4.8%	0.0%	4.8%	2.3%	0.0%	2.3%	0.134
Vomiting Alone	4.5%	0.0%	4.5%	1.8%	0.0%	1.8%	0.157
Hypermetropia	4.5%	0.0%	4.5%	1.5%	0.0%	1.5%	0.182
Acute Upper Respiratory Infection Unspecified	4.2%	0.0%	4.2%	3.6%	0.0%	3.6%	0.031
Need Proph Vacc&inoculat Against Varicella	4.2%	0.0%	4.2%	2.1%	0.0%	2.1%	0.121
Dietary Surveillance And Counseling	4.2%	0.0%	4.2%	2.2%	0.0%	2.2%	0.13
Autistic Disorder Current Or Active State	4.2%	0.0%	4.2%	0.4%	0.0%	0.4%	0.255
Short Stature Child	4.2%	0.0%	4.2%	0.3%	0.0%	0.3%	0.263
Other Adrenocortical Overactivity	4.2%	0.0%	4.2%	0.0%	0.0%	0.0%	-
Need Proph Vacc&inoculat Against Viral Hep	3.9%	0.0%	3.9%	2.7%	0.0%	2.7%	0.069

Table 9d. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD (all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Encounter Rtn Child Health Exam W/Abnormal Find	3.9%	0.0%	3.9%	1.0%	0.0%	1.0%	0.186
Fever Unspecified	3.6%	0.0%	3.6%	2.1%	0.0%	2.1%	0.088
Attn-Deficit Hyperactivity D/O Combined Type	3.3%	0.0%	3.3%	1.7%	0.0%	1.7%	0.104
Allergic Rhinitis Due To Pollen	3.3%	0.0%	3.3%	1.0%	0.0%	1.0%	0.162
Acute Sinusitis Unspecified	3.3%	0.0%	3.3%	0.7%	0.0%	0.7%	0.189
Cough	3.3%	0.0%	3.3%	0.7%	0.0%	0.7%	0.189
Other Specified Counseling	3.3%	0.0%	3.3%	0.7%	0.0%	0.7%	0.26
Streptococcal Pharyngitis	3.0%	0.0%	3.0%	2.3%	0.0%	2.3%	0.045
Contact Dermatitis&other Eczema Due Unspec Cause	3.0%	0.0%	3.0%	1.4%	0.0%	1.4%	0.109
Lack Normal Physiological Development Unspec	3.0%	0.0%	3.0%	0.1%	0.0%	0.1%	0.232
Influenza With Other Respiratory Manifestations	2.7%	0.0%	2.7%	0.9%	0.0%	0.9%	0.137
Anxiety State, Unspecified	2.7%	0.0%	2.7%	0.7%	0.0%	0.7%	0.158

Table 9d. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD (all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	10.7%	0.0%	10.7%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	10.1%	0.0%	10.1%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	6.3%	0.0%	6.3%	4.9%	0.0%	4.9%	0.061
Amoxicillin	6.0%	0.0%	6.0%	5.4%	0.0%	5.4%	0.022
Leuprolide Acetate	5.4%	0.0%	5.4%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.9%	0.0%	3.9%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.6%	0.0%	3.6%	0.0%	0.0%	0.0%	-
Amoxicillin	3.0%	0.0%	3.0%	1.3%	0.0%	1.3%	0.113
Amoxicillin	3.0%	0.0%	3.0%	1.4%	0.0%	1.4%	0.109
Albuterol Sulfate	2.7%	0.0%	2.7%	1.1%	0.0%	1.1%	0.117
Lidocaine/Prilocaine	2.7%	0.0%	2.7%	0.0%	0.0%	0.0%	0.232
Mometasone Furoate	2.4%	0.0%	2.4%	1.6%	0.0%	1.6%	0.055
Montelukast Sodium	2.4%	0.0%	2.4%	0.8%	0.0%	0.8%	0.124
Leuprolide Acetate	2.4%	0.0%	2.4%	0.0%	0.0%	0.0%	-
Prednisone ³	2.1%	0.0%	2.1%	0.2%	0.0%	0.2%	0.175
Leuprolide Acetate	2.1%	0.0%	2.1%	0.0%	0.0%	0.0%	-
Azithromycin	1.8%	0.0%	1.8%	1.1%	0.0%	1.1%	0.055
Amoxicillin	1.8%	0.0%	1.8%	0.7%	0.0%	0.7%	0.1
Leuprolide Acetate	1.8%	0.0%	1.8%	0.0%	0.0%	0.0%	-
Azithromycin	1.5%	0.0%	1.5%	0.8%	0.0%	0.8%	0.061

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 9e. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (N)	439 (100.0%)	0 (0.0%)	439 (100.0%)	439 (100.0%)	0 (0.0%)	439 (100.0%)	-
Follow-up time (person-days; mean, SD)	1,069.9 (948.5)	-	1,069.9 (948.5)	1,066.8 (1088.7)	-	1,066.8 (1088.7)	0.003
Characteristics							
Mean age (years)	9.1 (1.8)	-	9.1 (1.8)	9.1 (1.8)	-	9.1 (1.8)	0
Age (years)							
0-2	11 (2.5%)	0 (0.0%)	11 (2.5%)	11 (2.5%)	0 (0.0%)	11 (2.5%)	0
3-4	5 (1.1%)	0 (0.0%)	5 (1.1%)	5 (1.1%)	0 (0.0%)	5 (1.1%)	0
5-6	26 (5.9%)	0 (0.0%)	26 (5.9%)	26 (5.9%)	0 (0.0%)	26 (5.9%)	0
7-8	123 (28.0%)	0 (0.0%)	123 (28.0%)	123 (28.0%)	0 (0.0%)	123 (28.0%)	-
9-10	274 (62.4%)	0 (0.0%)	274 (62.4%)	274 (62.4%)	0 (0.0%)	274 (62.4%)	0
Race ¹							
American Indian or Alaska Native	1 (0.2%)	0 (0.0%)	1 (0.2%)	1 (0.3%)	0 (0.0%)	1 (0.3%)	-0.009
Asian	8 (1.8%)	0 (0.0%)	8 (1.8%)	8 (1.8%)	0 (0.0%)	8 (1.8%)	0.002
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.2%)	13 (2.9%)	0 (0.0%)	13 (2.9%)	0.017
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	-
Unknown	366 (83.4%)	0 (0.0%)	366 (83.4%)	367 (83.6%)	0 (0.0%)	367 (83.6%)	-0.01
White	50 (11.4%)	0 (0.0%)	50 (11.4%)	49 (11.3%)	0 (0.0%)	49 (11.3%)	-
Anti-epileptic drugs	5 (1.1%)	0 (0.0%)	5 (1.1%)	2 (0.5%)	0 (0.0%)	2 (0.5%)	0.068
Anticoagulants	3 (0.7%)	0 (0.0%)	3 (0.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.111
Antidepressants	25 (5.7%)	0 (0.0%)	25 (5.7%)	12 (2.7%)	0 (0.0%)	12 (2.7%)	0.15
Beta blockers	4 (0.9%)	0 (0.0%)	4 (0.9%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.125
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	25 (5.7%)	0 (0.0%)	25 (5.7%)	0 (0.1%)	0 (0.0%)	0 (0.1%)	0.341
Corticosteroids	102 (23.2%)	0 (0.0%)	102 (23.2%)	66 (15.0%)	0 (0.0%)	66 (15.0%)	0.21
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting goserelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	38 (8.7%)	0 (0.0%)	38 (8.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	3 (0.7%)	0 (0.0%)	3 (0.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 9e. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Loop diuretics	1 (0.2%)	0 (0.0%)	1 (0.2%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	0.027
Medroxyprogesterone	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	5 (1.1%)	0 (0.0%)	5 (1.1%)	2 (0.5%)	0 (0.0%)	2 (0.5%)	0.068
Short-acting Gonadotropin-Releasing Hormone agonists	7 (1.6%)	0 (0.0%)	7 (1.6%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	5 (1.1%)	0 (0.0%)	5 (1.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	71.4%	0.0%	71.4%	0.1%	0.0%	0.1%	2.215
Routine Infant Or Child Health Check	42.9%	0.0%	42.9%	33.8%	0.0%	33.8%	0.189
Precocious Puberty	27.1%	0.0%	27.1%	0.0%	0.0%	0.0%	0.86
Need Prophylactic Vaccination&inoculation Flu	26.8%	0.0%	26.8%	17.4%	0.0%	17.4%	0.234
Acute Pharyngitis	21.1%	0.0%	21.1%	16.4%	0.0%	16.4%	0.123
Encounter Rtn Child Health Exam W/O Abnorml Find	20.8%	0.0%	20.8%	11.6%	0.0%	11.6%	0.257
Encounter For Immunization	20.5%	0.0%	20.5%	12.7%	0.0%	12.7%	0.211
Acute Urin Of Unspecified Site	17.9%	0.0%	17.9%	11.1%	0.0%	11.1%	0.193
Cough	13.1%	0.0%	13.1%	7.8%	0.0%	7.8%	0.173
Other Unknown&unspec Cause Morbidity/Mortality	11.3%	0.0%	11.3%	7.9%	0.0%	7.9%	0.138
Short Stature	11.3%	0.0%	11.3%	0.6%	0.0%	0.6%	0.465
Streptococcal Sore Throat	10.7%	0.0%	10.7%	6.3%	0.0%	6.3%	0.162
Allergic Rhinitis Cause Unspecified	10.1%	0.0%	10.1%	5.5%	0.0%	5.5%	0.172
Acute Sinusitis, Unspecified	8.9%	0.0%	8.9%	4.5%	0.0%	4.5%	0.178

Table 9e. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-						Weighted SMD (all)
	CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Need Proph Vacc Against Oth Spec Vacc	8.3%	0.0%	8.3%	6.5%	0.0%	6.5%	0.07
Add Of Childhood With Hyperactivity	8.3%	0.0%	8.3%	5.6%	0.0%	5.6%	0.107
Asthma, Unspecified, Unspecified Status	8.0%	0.0%	8.0%	4.0%	0.0%	4.0%	0.168
Other Hyperfunction Of Pituitary Gland	8.0%	0.0%	8.0%	0.0%	0.0%	0.0%	0.413
Need Proph Vac W/Comb Diphth-Tetanus-Pertuss Vac	7.7%	0.0%	7.7%	6.6%	0.0%	6.6%	0.043
Unspecified Otitis Media	7.7%	0.0%	7.7%	4.8%	0.0%	4.8%	0.124
Unspecified Viral Infection In Cce & Uns Site	7.4%	0.0%	7.4%	4.9%	0.0%	4.9%	0.106
Acute Pharyngitis Unspecified	7.1%	0.0%	7.1%	5.2%	0.0%	5.2%	0.082
Dietary Counseling And Surveillance	7.1%	0.0%	7.1%	2.6%	0.0%	2.6%	0.232
Pituitary Dwarfism	6.8%	0.0%	6.8%	0.1%	0.0%	0.1%	0.372
Abdominal Pain, Unspecified Site	6.5%	0.0%	6.5%	2.9%	0.0%	2.9%	0.171
Headache	6.3%	0.0%	6.3%	2.9%	0.0%	2.9%	0.159
Pain In Soft Tissues Of Limb	6.0%	0.0%	6.0%	3.0%	0.0%	3.0%	0.145
Fever Unspecified	6.0%	0.0%	6.0%	3.0%	0.0%	3.0%	0.146
Add Childhood Without Mention Hyperactivity	4.8%	0.0%	4.8%	2.3%	0.0%	2.3%	0.134
Vomiting Alone	4.5%	0.0%	4.5%	1.8%	0.0%	1.8%	0.157
Hypermetropia	4.5%	0.0%	4.5%	1.5%	0.0%	1.5%	0.182
Acute Upper Respiratory Infection Unspecified	4.2%	0.0%	4.2%	3.6%	0.0%	3.6%	0.031
Need Proph Vacc&inoculat Against Varicella	4.2%	0.0%	4.2%	2.1%	0.0%	2.1%	0.121
Dietary Surveillance And Counseling	4.2%	0.0%	4.2%	2.2%	0.0%	2.2%	0.13
Autistic Disorder Current Or Active State	4.2%	0.0%	4.2%	0.4%	0.0%	0.4%	0.255
Short Stature Child	4.2%	0.0%	4.2%	0.3%	0.0%	0.3%	0.263
Other Adrenocortical Overactivity	4.2%	0.0%	4.2%	0.0%	0.0%	0.0%	-
Need Proph Vacc&inoculat Against Viral Hep	3.9%	0.0%	3.9%	2.7%	0.0%	2.7%	0.069

Table 9e. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Encounter Rtn Child Health Exam W/Abnormal Find	3.9%	0.0%	3.9%	1.0%	0.0%	1.0%	0.186
Fever Unspecified	3.6%	0.0%	3.6%	2.1%	0.0%	2.1%	0.088
Attn-Deficit Hyperactivity D/O Combined Type	3.3%	0.0%	3.3%	1.7%	0.0%	1.7%	0.104
Allergic Rhinitis Due To Pollen	3.3%	0.0%	3.3%	1.0%	0.0%	1.0%	0.162
Acute Sinusitis Unspecified	3.3%	0.0%	3.3%	0.7%	0.0%	0.7%	0.189
Cough	3.3%	0.0%	3.3%	0.7%	0.0%	0.7%	0.189
Other Specified Counseling	3.3%	0.0%	3.3%	0.7%	0.0%	0.7%	0.26
Streptococcal Pharyngitis	3.0%	0.0%	3.0%	2.3%	0.0%	2.3%	0.045
Contact Dermatitis&other Eczema Due Unspec Cause	3.0%	0.0%	3.0%	1.4%	0.0%	1.4%	0.109
Lack Normal Physiological Development Unspec	3.0%	0.0%	3.0%	0.1%	0.0%	0.1%	0.232
Influenza With Other Respiratory Manifestations	2.7%	0.0%	2.7%	0.9%	0.0%	0.9%	0.137
Anxiety State, Unspecified	2.7%	0.0%	2.7%	0.7%	0.0%	0.7%	0.158

Table 9e. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls in the 730 Days Post-Index in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	10.7%	0.0%	10.7%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	10.1%	0.0%	10.1%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	6.3%	0.0%	6.3%	4.9%	0.0%	4.9%	0.061
Amoxicillin	6.0%	0.0%	6.0%	5.4%	0.0%	5.4%	0.022
Leuprolide Acetate	5.4%	0.0%	5.4%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.9%	0.0%	3.9%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.6%	0.0%	3.6%	0.0%	0.0%	0.0%	-
Amoxicillin	3.0%	0.0%	3.0%	1.3%	0.0%	1.3%	0.113
Amoxicillin	3.0%	0.0%	3.0%	1.4%	0.0%	1.4%	0.109
Albuterol Sulfate	2.7%	0.0%	2.7%	1.1%	0.0%	1.1%	0.117
Lidocaine/Prilocaine	2.7%	0.0%	2.7%	0.0%	0.0%	0.0%	0.232
Mometasone Furoate	2.4%	0.0%	2.4%	1.6%	0.0%	1.6%	0.055
Montelukast Sodium	2.4%	0.0%	2.4%	0.8%	0.0%	0.8%	0.124
Leuprolide Acetate	2.4%	0.0%	2.4%	0.0%	0.0%	0.0%	-
Prednisone ³	2.1%	0.0%	2.1%	0.2%	0.0%	0.2%	0.175
Leuprolide Acetate	2.1%	0.0%	2.1%	0.0%	0.0%	0.0%	-
Azithromycin	1.8%	0.0%	1.8%	1.1%	0.0%	1.1%	0.055
Amoxicillin	1.8%	0.0%	1.8%	0.7%	0.0%	0.7%	0.1
Leuprolide Acetate	1.8%	0.0%	1.8%	0.0%	0.0%	0.0%	-
Azithromycin	1.5%	0.0%	1.5%	0.8%	0.0%	0.8%	0.061

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 10a. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (N)	439 (100.0%)	19 (100.0%)	420 (100.0%)	439 (100.0%)	17 (100.0%)	422 (100.0%)	-
Follow-up time (person-days; mean, SD)	1,020.3 (918.7)	865.4 (630.7)	1,027.3 (926.2)	1,018.2 (1050.9)	812.8 (715.9)	1,026.6 (1059.9)	0.002
Characteristics							
Mean age (years)	9.1 (1.8)	9.2 (0.8)	9.0 (1.9)	9.1 (1.8)	9.2 (1.6)	9.0 (1.8)	0
Age (years)							
0-2	11 (2.5%)	0 (0.0%)	11 (2.6%)	11 (2.5%)	0 (1.2%)	11 (2.6%)	0
3-4	5 (1.1%)	0 (0.0%)	5 (1.2%)	5 (1.1%)	0 (2.3%)	5 (1.1%)	0
5-6	26 (5.9%)	0 (0.0%)	26 (6.2%)	26 (5.9%)	1 (5.2%)	25 (6.0%)	0
7-8	123 (28.0%)	8 (42.1%)	115 (27.4%)	123 (28.0%)	4 (22.7%)	119 (28.2%)	-
9-10	274 (62.4%)	11 (57.9%)	263 (62.6%)	274 (62.4%)	12 (68.6%)	262 (62.2%)	0
Race ¹							
American Indian or Alaska Native	1 (0.2%)	1 (5.3%)	0 (0.0%)	1 (0.3%)	0 (1.2%)	1 (0.2%)	-0.009
Asian	8 (1.8%)	0 (0.0%)	8 (1.9%)	8 (1.8%)	0 (1.7%)	8 (1.8%)	0.002
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.3%)	13 (2.9%)	0 (1.2%)	13 (3.0%)	0.017
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	-
Unknown	366 (83.4%)	17 (89.5%)	349 (83.1%)	367 (83.6%)	13 (77.3%)	354 (83.9%)	-0.01
White	50 (11.4%)	1 (5.3%)	49 (11.7%)	49 (11.3%)	3 (18.6%)	46 (11.0%)	-
Anti-epileptic drugs	13 (3.0%)	0 (0.0%)	13 (3.1%)	5 (1.2%)	1 (4.1%)	4 (1.0%)	0.129
Anticoagulants	6 (1.4%)	0 (0.0%)	6 (1.4%)	0 (0.1%)	0 (0.6%)	0 (0.1%)	0.152
Antidepressants	44 (10.0%)	4 (21.1%)	40 (9.5%)	22 (5.1%)	2 (11.0%)	20 (4.8%)	0.189
Beta blockers	4 (0.9%)	0 (0.0%)	4 (1.0%)	1 (0.3%)	0 (1.7%)	1 (0.2%)	0.079
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	30 (6.8%)	2 (10.5%)	28 (6.7%)	1 (0.2%)	0 (0.0%)	1 (0.2%)	0.369
Corticosteroids	131 (29.8%)	12 (63.2%)	119 (28.3%)	95 (21.5%)	6 (36.0%)	88 (21.0%)	0.192
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting goserelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	41 (9.3%)	3 (15.8%)	38 (9.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	3 (0.7%)	0 (0.0%)	3 (0.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 10a. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	CPP Controls						
	All	With event	Without event	All	With event	Without event	
Loop diuretics	2 (0.5%)	0 (0.0%)	2 (0.5%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	0.064
Medroxyprogesterone	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.061
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	6 (1.4%)	1 (5.3%)	5 (1.2%)	6 (1.4%)	1 (3.5%)	5 (1.3%)	0
Short-acting Gonadotropin-Releasing Hormone agonists	7 (1.6%)	0 (0.0%)	7 (1.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	5 (1.1%)	0 (0.0%)	5 (1.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	71.1%	80.0%	70.7%	0.1%	0.7%	0.1%	2.201
Routine Infant Or Child Health Check Encounter For Immunization	47.0%	53.3%	46.7%	39.4%	65.2%	38.3%	0.154
Encounter Rtn Child Health Exam W/O Abnorml Find	37.5%	33.3%	37.7%	22.6%	38.5%	22.0%	0.33
Precocious Puberty	35.4%	20.0%	36.1%	21.4%	33.3%	20.9%	0.316
Need Prophylactic Vaccination&inoculation Flu	33.0%	6.7%	34.3%	0.0%	0.0%	0.0%	0.998
Acute Pharyngitis	28.9%	40.0%	28.3%	21.1%	38.5%	20.3%	0.184
Acute Pharyngitis Unspecified	25.0%	33.3%	24.6%	20.5%	34.8%	19.9%	0.108
Need Proph Vac W/Comb	21.7%	20.0%	21.8%	14.7%	24.4%	14.3%	0.183
Diphth-Tetanus-Pertuss Vac	16.7%	20.0%	16.5%	9.7%	12.6%	9.6%	0.207
Need Proph Vacc Against Oth Spec Vacc	16.4%	33.3%	15.6%	14.5%	26.7%	14.0%	0.053
Cough	16.1%	40.0%	15.0%	13.8%	21.5%	13.5%	0.064
Streptococcal Sore Throat	16.1%	26.7%	15.6%	10.6%	17.8%	10.3%	0.163
Short Stature	12.5%	13.3%	12.5%	7.9%	17.0%	7.5%	0.155
	12.5%	13.3%	12.5%	0.8%	1.5%	0.8%	0.481

Table 10a. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Allergic Rhinitis Cause Unspecified	12.2%	6.7%	12.5%	8.2%	9.6%	8.1%	0.134
Other Unknown&unspec Cause Morbidity/Mortality	11.6%	13.3%	11.5%	8.2%	8.9%	8.2%	0.135
Acute Sinusitis, Unspecified	11.6%	20.0%	11.2%	7.1%	20.0%	6.5%	0.156
Encounter Rtn Child Health Exam W/Abnormal Find	11.3%	13.3%	11.2%	3.5%	4.4%	3.5%	0.302
Unspecified Viral Infection In Cce & Uns Site	9.8%	13.3%	9.7%	6.2%	11.1%	6.0%	0.137
Unspecified Otitis Media	9.8%	20.0%	9.3%	6.3%	5.9%	6.3%	0.131
Pain In Soft Tissues Of Limb	9.8%	46.7%	8.1%	6.2%	13.3%	5.9%	0.135
Need Proph Vaccination&inoculat Oth Viral Dz	9.8%	13.3%	9.7%	5.0%	11.9%	4.7%	0.188
Fever Unspecified	9.5%	6.7%	9.7%	6.6%	10.4%	6.5%	0.107
Add Of Childhood With Hyperactivity	9.2%	13.3%	9.0%	6.7%	8.9%	6.6%	0.092
Dietary Counseling And Surveillance	9.2%	0.0%	9.7%	5.4%	6.7%	5.4%	0.158
Headache	9.2%	26.7%	8.4%	5.0%	9.6%	4.8%	0.167
Other Acne	9.2%	26.7%	8.4%	3.6%	8.9%	3.4%	0.233
Other Hyperfunction Of Pituitary Gland	8.9%	0.0%	9.3%	0.0%	0.0%	0.0%	-
Acute Upper Respiratory Infection Unspecified	8.6%	13.3%	8.4%	5.5%	3.0%	5.6%	0.124
Asthma, Unspecified, Unspecified Status	8.3%	6.7%	8.4%	5.1%	8.9%	4.9%	0.13
Cough	8.3%	20.0%	7.8%	4.9%	7.4%	4.7%	0.14
Abdominal Pain, Unspecified Site	7.7%	26.7%	6.9%	3.8%	5.2%	3.7%	0.171
Other Specified Counseling	7.4%	0.0%	7.8%	3.5%	3.7%	3.4%	0.199
Need Proph Vacc&inoculat Against Viral Hep	7.1%	26.7%	6.2%	5.6%	10.4%	5.4%	0.066
Contact Dermatitis&other Eczema Due Unspec Cause	7.1%	13.3%	6.9%	4.8%	11.9%	4.5%	0.1
Fever Unspecified	7.1%	6.7%	7.2%	2.9%	2.2%	2.9%	0.196
Acute Sinusitis Unspecified	7.1%	6.7%	7.2%	2.0%	5.9%	1.8%	0.25
Pituitary Dwarfism	6.8%	13.3%	6.5%	0.1%	0.7%	0.1%	0.37

Table 10a. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Body Mass Index Bmi Pediatric 5th % < 85th % Age	6.3%	0.0%	6.5%	4.0%	5.2%	3.9%	0.106
Add Childhood Without Mention Hyperactivity	6.3%	13.3%	5.9%	3.4%	8.1%	3.2%	0.134
Acute Bronchitis	5.1%	13.3%	4.7%	3.3%	3.7%	3.3%	0.088
Streptococcal Pharyngitis	5.1%	6.7%	5.0%	2.9%	3.0%	2.9%	0.11
Anxiety Disorder Unspecified	5.1%	6.7%	5.0%	1.2%	3.0%	1.1%	0.226
Other Long Term Current Drug Therapy	5.1%	13.3%	4.7%	1.2%	1.5%	1.2%	0.223
Need Proph Vacc&inoculat Against Varicella	4.8%	20.0%	4.0%	2.9%	6.7%	2.7%	0.1
Body Mass Index Bmi Ped >/Equal 95th% For Age	4.8%	0.0%	5.0%	1.4%	0.7%	1.4%	0.205
Unspecified Viral Warts	4.2%	6.7%	4.0%	2.7%	5.9%	2.6%	0.082
Dietary Surveillance And Counseling	3.9%	6.7%	3.7%	4.0%	5.9%	3.9%	-0.008
Vomiting Alone	3.9%	6.7%	3.7%	1.1%	3.0%	1.0%	0.184
Acne Vulgaris	3.9%	6.7%	3.7%	1.3%	3.0%	1.2%	0.166
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	11.0%	0.0%	11.5%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	10.7%	13.3%	10.6%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	8.3%	13.3%	8.1%	6.9%	12.6%	6.7%	0.053
Amoxicillin	7.4%	6.7%	7.5%	6.4%	10.4%	6.3%	0.04
Leuprolide Acetate	6.0%	0.0%	6.2%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	4.2%	6.7%	4.0%	2.1%	3.0%	2.1%	0.121
Amoxicillin	3.9%	0.0%	4.0%	1.7%	0.0%	1.8%	0.132
Azithromycin	3.9%	13.3%	3.4%	1.8%	4.4%	1.7%	0.126
Leuprolide Acetate	3.6%	6.7%	3.4%	0.0%	0.0%	0.0%	-
Azithromycin	3.3%	20.0%	2.5%	2.1%	5.2%	2.0%	0.07
Leuprolide Acetate	3.3%	0.0%	3.4%	0.0%	0.0%	0.0%	-
Azithromycin	3.0%	6.7%	2.8%	1.6%	2.2%	1.6%	0.092
Adapalene/Benzoyl Peroxide	3.0%	13.3%	2.5%	0.7%	3.0%	0.6%	0.172
Cefdinir	2.7%	6.7%	2.5%	0.7%	1.5%	0.7%	0.154
Lidocaine/Prilocaine	2.7%	6.7%	2.5%	0.1%	0.0%	0.1%	0.221

Table 10a. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Montelukast Sodium	2.4%	0.0%	2.5%	1.0%	3.0%	0.9%	0.112
Amoxicillin	2.4%	0.0%	2.5%	0.7%	2.2%	0.7%	0.137
Leuprolide Acetate	2.4%	0.0%	2.5%	0.0%	0.0%	0.0%	-
Amoxicillin	2.1%	0.0%	2.2%	1.7%	4.4%	1.6%	0.031
Oseltamivir Phosphate ³	2.1%	0.0%	2.2%	0.8%	1.5%	0.8%	0.108

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 10b. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD (all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Patients (N)	432 (100.0%)	19 (100.0%)	413 (100.0%)	432 (100.0%)	14 (100.0%)	418 (100.0%)	-
Follow-up time (person-days; mean, SD)	1,014.5 (918.8)	865.4 (630.7)	1,021.4 (926.3)	1,021.1 (962.1)	762.7 (531.5)	1,029.7 (971.4)	-0.007
Characteristics							
Mean age (years)	9.1 (1.8)	9.2 (0.8)	9.1 (1.8)	9.1 (1.7)	8.8 (2.3)	9.1 (1.7)	0.009
Age (years)							
0-2	9 (2.1%)	0 (0.0%)	9 (2.2%)	10 (2.2%)	1 (8.1%)	9 (2.0%)	-0.011
3-4	5 (1.2%)	0 (0.0%)	5 (1.2%)	4 (0.9%)	0 (1.8%)	4 (0.9%)	0.025
5-6	25 (5.8%)	0 (0.0%)	25 (6.1%)	26 (6.1%)	1 (4.5%)	26 (6.2%)	-0.015
7-8	120 (27.8%)	8 (42.1%)	112 (27.1%)	118 (27.2%)	3 (22.0%)	115 (27.4%)	0.012
9-10	273 (63.2%)	11 (57.9%)	262 (63.4%)	274 (63.5%)	9 (63.7%)	265 (63.5%)	-0.006
Race ¹							
American Indian or Alaska Native	1 (0.2%)	1 (5.3%)	0 (0.0%)	0 (0.1%)	0 (0.0%)	0 (0.1%)	0.036
Asian	7 (1.6%)	0 (0.0%)	7 (1.7%)	6 (1.5%)	0 (0.0%)	6 (1.5%)	0.014
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.4%)	21 (5.0%)	0 (0.7%)	21 (5.1%)	-0.095
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	1 (0.2%)	-
Unknown	363 (84.0%)	17 (89.5%)	346 (83.8%)	356 (82.5%)	13 (89.6%)	344 (82.2%)	0.057
White	47 (10.9%)	1 (5.3%)	46 (11.1%)	47 (10.8%)	1 (9.6%)	45 (10.8%)	0.003
Anti-epileptic drugs	13 (3.0%)	0 (0.0%)	13 (3.1%)	11 (2.4%)	0 (2.2%)	10 (2.4%)	0.036
Anticoagulants	6 (1.4%)	0 (0.0%)	6 (1.5%)	2 (0.5%)	0 (2.9%)	2 (0.4%)	0.099
Antidepressants	44 (10.2%)	4 (21.1%)	40 (9.7%)	28 (6.4%)	1 (10.6%)	26 (6.2%)	0.139
Beta blockers	4 (0.9%)	0 (0.0%)	4 (1.0%)	2 (0.5%)	0 (0.7%)	2 (0.5%)	0.052
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.7%)	0 (0.0%)	-
Chemotherapy	30 (6.9%)	2 (10.5%)	28 (6.8%)	6 (1.4%)	0 (2.1%)	6 (1.4%)	0.281
Corticosteroids	128 (29.6%)	12 (63.2%)	116 (28.1%)	104 (24.0%)	7 (47.0%)	97 (23.2%)	0.128
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting goserelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	41 (9.5%)	3 (15.8%)	38 (9.2%)	5 (1.3%)	0 (1.2%)	5 (1.3%)	0.371
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	3 (0.7%)	0 (0.0%)	3 (0.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 10b. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD (all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Loop diuretics	2 (0.5%)	0 (0.0%)	2 (0.5%)	0 (0.1%)	0 (0.9%)	0 (0.0%)	0.081
Medroxyprogesterone	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.7%)	0 (0.0%)	0.052
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	6 (1.4%)	1 (5.3%)	5 (1.2%)	7 (1.7%)	1 (5.0%)	7 (1.6%)	-0.023
Short-acting Gonadotropin-Releasing Hormone agonists	7 (1.6%)	0 (0.0%)	7 (1.7%)	1 (0.2%)	0 (0.0%)	1 (0.2%)	0.154
Short-acting gonadorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.1%)	0 (0.0%)	0 (0.1%)	-
Short-acting histrelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.059
Short-acting leuprolide acetate	5 (1.2%)	0 (0.0%)	5 (1.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.144
Short-acting nafarelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.061
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.1%)	0 (0.0%)	0 (0.1%)	-
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	71.1%	80.0%	70.7%	26.5%	30.1%	26.3%	0.995
Routine Infant Or Child Health Check Encounter For Immunization	47.1%	53.3%	46.8%	50.4%	84.9%	49.2%	-0.065
Encounter Rtn Child Health Exam W/O Abnorml Find	37.4%	33.3%	37.6%	32.5%	35.5%	32.4%	0.102
Precocious Puberty	34.7%	20.0%	35.4%	33.3%	44.4%	33.0%	0.028
Need Prophylactic	32.5%	6.7%	33.8%	10.4%	2.3%	10.7%	0.561
Vaccination&inoculation Flu	28.6%	40.0%	28.0%	26.6%	41.1%	26.2%	0.044
Acute Pharyngitis	25.5%	33.3%	25.2%	20.3%	46.0%	19.4%	0.127
Acute Uris Of Unspecified Site	20.7%	20.0%	20.7%	14.3%	36.2%	13.5%	0.17
Acute Pharyngitis Unspecified	16.4%	20.0%	16.2%	13.0%	27.6%	12.5%	0.096
Need Proph Vac W/Comb	15.8%	33.3%	15.0%	16.0%	29.2%	15.6%	-0.007
Diphth-Tetanus-Pertuss Vac	15.8%	40.0%	14.6%	15.8%	30.0%	15.3%	0
Need Proph Vacc Against Oth Spec Vacc	15.8%	26.7%	15.3%	13.5%	30.1%	12.9%	0.067
Cough	12.8%	13.3%	12.7%	7.2%	9.1%	7.1%	0.19
Streptococcal Sore Throat	12.8%	13.3%	12.7%	6.2%	7.4%	6.1%	0.227
Short Stature							

Table 10b. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD (all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Other Unknown&unspec Cause Morbidity/Mortality	11.9%	13.3%	11.8%	8.9%	8.3%	8.9%	0.115
Allergic Rhinitis Cause Unspecified	11.6%	6.7%	11.8%	9.2%	21.0%	8.8%	0.077
Encounter Rtn Child Health Exam W/Abnormal Find	11.6%	13.3%	11.5%	6.8%	7.4%	6.8%	0.164
Acute Sinusitis, Unspecified	11.2%	20.0%	10.8%	7.5%	28.8%	6.8%	0.127
Pain In Soft Tissues Of Limb	10.0%	46.7%	8.3%	7.0%	37.7%	5.9%	0.11
Unspecified Viral Infection In Cce & Uns Site	9.7%	13.3%	9.6%	7.4%	21.7%	6.9%	0.085
Headache	9.7%	26.7%	8.9%	5.2%	6.8%	5.2%	0.172
Add Of Childhood With Hyperactivity	9.4%	13.3%	9.2%	7.4%	16.0%	7.1%	0.073
Other Acne	9.4%	26.7%	8.6%	7.2%	15.0%	7.0%	0.08
Need Proph Vaccination&inoculat Oth Viral Dz	9.4%	13.3%	9.2%	4.8%	5.9%	4.8%	0.183
Fever Unspecified	9.1%	6.7%	9.2%	7.1%	20.1%	6.7%	0.074
Unspecified Otitis Media	9.1%	20.0%	8.6%	6.7%	20.2%	6.2%	0.092
Other Hyperfunction Of Pituitary Gland	9.1%	0.0%	9.6%	0.8%	0.0%	0.8%	0.395
Acute Upper Respiratory Infection Unspecified	8.5%	13.3%	8.3%	7.1%	15.3%	6.8%	0.053
Cough	8.5%	20.0%	8.0%	6.2%	9.6%	6.1%	0.087
Dietary Counseling And Surveillance	8.2%	0.0%	8.6%	8.3%	15.7%	8.0%	-0.003
Asthma, Unspecified, Unspecified Status	8.2%	6.7%	8.3%	5.2%	7.9%	5.2%	0.118
Fever Unspecified	7.3%	6.7%	7.3%	4.7%	6.9%	4.6%	0.111
Abdominal Pain, Unspecified Site	7.3%	20.0%	6.7%	4.2%	6.4%	4.1%	0.133
Acute Sinusitis Unspecified	7.3%	6.7%	7.3%	3.5%	5.2%	3.5%	0.167
Pituitary Dwarfism	7.0%	13.3%	6.7%	1.7%	2.5%	1.7%	0.261
Contact Dermatitis&other Eczema Due Unspec Cause	6.7%	6.7%	6.7%	5.3%	15.0%	5.0%	0.057
Need Proph Vacc&inoculat Against Viral Hep	6.7%	20.0%	6.1%	5.1%	15.2%	4.7%	0.07
Other Specified Counseling	6.7%	0.0%	7.0%	5.2%	9.0%	5.0%	0.074

Table 10b. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD (all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Body Mass Index Bmi Pediatric 5th % < 85th % Age	6.4%	0.0%	6.7%	5.7%	9.5%	5.6%	0.028
Add Childhood Without Mention Hyperactivity	6.4%	13.3%	6.1%	4.1%	3.8%	4.1%	0.105
Acute Bronchitis	5.2%	13.3%	4.8%	3.5%	5.7%	3.5%	0.08
Streptococcal Pharyngitis	5.2%	6.7%	5.1%	2.7%	3.8%	2.6%	0.132
Anxiety Disorder Unspecified	5.2%	6.7%	5.1%	2.4%	2.5%	2.4%	0.149
Other Long Term Current Drug Therapy	5.2%	13.3%	4.8%	2.1%	5.0%	2.0%	0.167
Need Proph Vacc&inoculat Against Varicella	4.6%	20.0%	3.8%	2.9%	9.7%	2.7%	0.09
Body Mass Index Bmi Ped >/Equal 95th% For Age	4.3%	0.0%	4.5%	2.7%	2.8%	2.7%	0.087
Unspecified Viral Warts	4.3%	6.7%	4.1%	2.6%	5.0%	2.5%	0.095
Other Adrenocortical Overactivity	4.0%	0.0%	4.1%	2.5%	1.3%	2.6%	0.082
Encounter Exam Eyes & Vision W/O Abnormal Find	3.6%	0.0%	3.8%	3.8%	8.6%	3.6%	-0.006
Vomiting Alone	3.6%	6.7%	3.5%	1.3%	4.2%	1.2%	0.156
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	11.2%	0.0%	11.8%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	10.9%	13.3%	10.8%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	7.9%	13.3%	7.6%	7.2%	10.0%	7.1%	0.025
Amoxicillin	7.6%	6.7%	7.6%	7.1%	16.9%	6.7%	0.02
Leuprolide Acetate	6.1%	0.0%	6.4%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	4.3%	6.7%	4.1%	2.6%	1.9%	2.6%	0.096
Azithromycin	4.0%	13.3%	3.5%	3.3%	14.8%	2.9%	0.035
Amoxicillin	4.0%	0.0%	4.1%	2.9%	14.1%	2.5%	0.058
Leuprolide Acetate	3.6%	0.0%	3.8%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	3.6%	6.7%	3.5%	0.0%	0.0%	0.0%	-
Azithromycin	3.3%	20.0%	2.5%	2.6%	8.2%	2.4%	0.045
Azithromycin	3.0%	6.7%	2.9%	1.8%	3.9%	1.8%	0.082
Adapalene/Benzoyl Peroxide	3.0%	13.3%	2.5%	1.4%	6.7%	1.2%	0.114
Cefdinir	2.7%	6.7%	2.5%	0.7%	0.0%	0.8%	0.155

Table 10b. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Major Fracture

	Leuprolide Acetate Exposed Children Matched with CPP						Weighted SMD (all)
	Controls			Matched CPP Controls			
	All	With event	Without event	All	With event	Without event	
Lidocaine/Prilocaine	2.7%	6.7%	2.5%	0.2%	0.0%	0.2%	0.212
Montelukast Sodium ³	2.4%	0.0%	2.5%	0.7%	2.9%	0.6%	0.138
Leuprolide Acetate	2.4%	0.0%	2.5%	0.0%	0.0%	0.0%	-
Amoxicillin	2.1%	0.0%	2.2%	2.1%	6.4%	2.0%	0
Mometasone Furoate	1.8%	0.0%	1.9%	1.5%	4.8%	1.4%	0.026
Azithromycin	1.8%	0.0%	1.9%	1.6%	13.0%	1.2%	0.015

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 10c. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (N)	439 (100.0%)	59 (100.0%)	380 (100.0%)	439 (100.0%)	53 (100.0%)	386 (100.0%)	-
Follow-up time (person-days; mean, SD)	937.0 (871.2)	772.0 (619.0)	962.6 (900.5)	921.7 (954.3)	958.8 (823.9)	916.6 (968.6)	0.017
Characteristics							
Mean age (years)	9.1 (1.8)	9.1 (1.1)	9.0 (1.9)	9.1 (1.8)	9.5 (1.4)	9.0 (1.8)	0
Age (years)							
0-2	11 (2.5%)	0 (0.0%)	11 (2.9%)	11 (2.5%)	0 (0.8%)	11 (2.7%)	0
3-4	5 (1.1%)	0 (0.0%)	5 (1.3%)	5 (1.1%)	1 (1.5%)	4 (1.1%)	0
5-6	26 (5.9%)	3 (5.1%)	23 (6.1%)	26 (5.9%)	2 (4.4%)	24 (6.1%)	0
7-8	123 (28.0%)	24 (40.7%)	99 (26.1%)	123 (28.0%)	11 (19.9%)	113 (29.1%)	-
9-10	274 (62.4%)	32 (54.2%)	242 (63.7%)	274 (62.4%)	39 (73.5%)	235 (60.9%)	0
Race ¹							
American Indian or Alaska Native	1 (0.2%)	1 (1.7%)	0 (0.0%)	1 (0.3%)	1 (0.9%)	1 (0.2%)	-0.009
Asian	8 (1.8%)	0 (0.0%)	8 (2.1%)	8 (1.8%)	1 (2.1%)	7 (1.8%)	0.002
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.7%)	13 (2.9%)	2 (3.8%)	11 (2.8%)	0.017
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	-
Unknown	366 (83.4%)	50 (84.7%)	316 (83.2%)	367 (83.6%)	40 (75.0%)	328 (84.8%)	-0.01
White	50 (11.4%)	8 (13.6%)	42 (11.1%)	49 (11.3%)	10 (18.2%)	40 (10.3%)	-
Anti-epileptic drugs	13 (3.0%)	0 (0.0%)	13 (3.4%)	5 (1.2%)	2 (4.2%)	3 (0.8%)	0.127
Anticoagulants	6 (1.4%)	1 (1.7%)	5 (1.3%)	0 (0.1%)	0 (0.2%)	0 (0.1%)	0.152
Antidepressants	44 (10.0%)	6 (10.2%)	38 (10.0%)	22 (5.1%)	6 (10.4%)	17 (4.3%)	0.189
Beta blockers	4 (0.9%)	0 (0.0%)	4 (1.1%)	1 (0.3%)	1 (1.5%)	1 (0.1%)	0.079
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.2%)	0 (0.0%)	-
Chemotherapy	30 (6.8%)	5 (8.5%)	25 (6.6%)	1 (0.2%)	0 (0.4%)	1 (0.1%)	0.369
Corticosteroids	131 (29.8%)	31 (52.5%)	100 (26.3%)	95 (21.6%)	23 (43.0%)	72 (18.7%)	0.191
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting goserelin	1 (0.2%)	0 (0.0%)	1 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	41 (9.3%)	3 (5.1%)	38 (10.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	3 (0.7%)	0 (0.0%)	3 (0.8%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 10c. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Loop diuretics	2 (0.5%)	0 (0.0%)	2 (0.5%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	0.064
Medroxyprogesterone	1 (0.2%)	0 (0.0%)	1 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.061
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	6 (1.4%)	3 (5.1%)	3 (0.8%)	6 (1.4%)	2 (4.2%)	4 (1.0%)	0
Short-acting Gonadotropin-Releasing Hormone agonists	7 (1.6%)	0 (0.0%)	7 (1.8%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	1 (0.2%)	0 (0.0%)	1 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	5 (1.1%)	0 (0.0%)	5 (1.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	1 (0.2%)	0 (0.0%)	1 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	71.1%	87.0%	68.6%	0.1%	0.2%	0.1%	2.201
Routine Infant Or Child Health Check Encounter For Immunization	47.0%	69.6%	43.4%	39.5%	73.3%	34.9%	0.152
Encounter Rtn Child Health Exam W/O Abnorml Find	37.5%	47.8%	35.9%	22.7%	35.1%	21.0%	0.328
Precocious Puberty	35.4%	37.0%	35.2%	21.5%	29.6%	20.3%	0.314
Need Prophylactic	33.0%	17.4%	35.5%	0.0%	0.0%	0.0%	0.998
Vaccination&inoculation Flu	28.9%	54.3%	24.8%	21.2%	36.8%	19.1%	0.181
Acute Pharyngitis	25.0%	41.3%	22.4%	20.6%	36.0%	18.4%	0.107
Acute Uris Of Unspecified Site	21.7%	28.3%	20.7%	14.8%	27.7%	13.0%	0.181
Acute Pharyngitis Unspecified	16.7%	19.6%	16.2%	9.8%	13.6%	9.2%	0.205
Need Proph Vac W/Comb	16.4%	37.0%	13.1%	14.5%	32.8%	12.0%	0.052
Diphth-Tetanus-Pertuss Vac							
Need Proph Vacc Against Oth Spec Vacc	16.1%	39.1%	12.4%	13.9%	28.9%	11.8%	0.061
Cough	16.1%	21.7%	15.2%	10.6%	21.2%	9.1%	0.163
Streptococcal Sore Throat	12.5%	13.0%	12.4%	7.9%	15.1%	6.9%	0.155
Short Stature	12.5%	17.4%	11.7%	0.8%	1.0%	0.8%	0.481

Table 10c. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Other Unknown&unspec Cause Morbidity/Mortality	11.6%	13.0%	11.4%	8.2%	8.4%	8.2%	0.135
Acute Sinusitis, Unspecified	11.6%	28.3%	9.0%	7.1%	16.3%	5.9%	0.155
Allergic Rhinitis Cause Unspecified	11.0%	21.7%	9.3%	7.4%	13.6%	6.5%	0.128
Unspecified Viral Infection In Cce & Uns Site	10.4%	19.6%	9.0%	6.5%	10.9%	5.9%	0.145
Encounter Rtn Child Health Exam W/Abnormal Find	10.4%	13.0%	10.0%	3.4%	3.7%	3.3%	0.284
Pain In Soft Tissues Of Limb	9.8%	26.1%	7.2%	6.2%	23.2%	3.9%	0.134
Need Proph Vaccination&inoculat Oth Viral Dz	9.8%	23.9%	7.6%	5.0%	12.3%	4.0%	0.187
Fever Unspecified	9.5%	13.0%	9.0%	6.6%	12.6%	5.8%	0.107
Add Of Childhood With Hyperactivity	9.2%	13.0%	8.6%	6.8%	10.9%	6.2%	0.09
Unspecified Otitis Media	9.2%	15.2%	8.3%	6.0%	11.1%	5.3%	0.121
Dietary Counseling And Surveillance	9.2%	6.5%	9.7%	5.4%	6.9%	5.2%	0.156
Headache	9.2%	26.1%	6.6%	5.0%	10.9%	4.2%	0.165
Other Acne	9.2%	28.3%	6.2%	3.6%	10.9%	2.6%	0.233
Other Hyperfunction Of Pituitary Gland	8.9%	6.5%	9.3%	0.0%	0.0%	0.0%	-
Acute Upper Respiratory Infection Unspecified	8.6%	15.2%	7.6%	5.5%	5.7%	5.5%	0.123
Asthma, Unspecified, Unspecified Status	8.3%	10.9%	7.9%	5.1%	13.1%	4.0%	0.13
Cough	8.3%	13.0%	7.6%	4.9%	5.9%	4.7%	0.14
Abdominal Pain, Unspecified Site	8.3%	15.2%	7.2%	4.2%	8.9%	3.5%	0.173
Other Specified Counseling	7.4%	6.5%	7.6%	3.5%	5.4%	3.2%	0.199
Need Proph Vacc&inoculat Against Viral Hep	7.1%	17.4%	5.5%	5.6%	10.4%	4.9%	0.066
Contact Dermatitis&other Eczema Due Unspec Cause	7.1%	21.7%	4.8%	4.8%	10.4%	4.0%	0.1
Fever Unspecified	7.1%	10.9%	6.6%	2.9%	2.7%	2.9%	0.196
Acute Sinusitis Unspecified	7.1%	10.9%	6.6%	2.0%	4.9%	1.6%	0.25
Pituitary Dwarfism	6.8%	8.7%	6.6%	0.1%	0.2%	0.1%	0.37

Table 10c. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Body Mass Index Bmi Pediatric 5th % < 85th % Age	6.3%	6.5%	6.2%	4.0%	4.7%	3.9%	0.106
Add Childhood Without Mention Hyperactivity	6.3%	6.5%	6.2%	3.4%	7.2%	2.9%	0.134
Acute Bronchitis	5.1%	13.0%	3.8%	3.3%	6.4%	2.9%	0.086
Streptococcal Pharyngitis	5.1%	8.7%	4.5%	2.9%	1.7%	3.1%	0.11
Anxiety Disorder Unspecified	5.1%	4.3%	5.2%	1.2%	2.7%	1.0%	0.226
Other Long Term Current Drug Therapy	5.1%	8.7%	4.5%	1.2%	1.7%	1.1%	0.223
Need Proph Vacc&inoculat Against Varicella	4.8%	13.0%	3.4%	2.9%	7.2%	2.3%	0.1
Body Mass Index Bmi Ped >/Equal 95th% For Age	4.8%	10.9%	3.8%	1.4%	1.7%	1.3%	0.205
Unspecified Viral Warts	4.2%	10.9%	3.1%	2.7%	5.9%	2.3%	0.082
Dietary Surveillance And Counseling	3.9%	6.5%	3.4%	4.0%	12.3%	2.9%	-0.01
Vomiting Alone	3.9%	4.3%	3.8%	1.1%	2.7%	0.9%	0.184
Acne Vulgaris	3.9%	10.9%	2.8%	1.3%	3.2%	1.0%	0.166
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	11.0%	17.4%	10.0%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	10.7%	17.4%	9.7%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	8.3%	17.4%	6.9%	7.0%	14.8%	5.9%	0.052
Amoxicillin	7.4%	8.7%	7.2%	6.4%	7.2%	6.3%	0.04
Leuprolide Acetate	6.0%	6.5%	5.9%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	4.2%	4.3%	4.1%	2.1%	3.5%	1.9%	0.121
Amoxicillin	3.9%	2.2%	4.1%	1.7%	2.2%	1.6%	0.132
Azithromycin	3.9%	13.0%	2.4%	1.8%	4.9%	1.4%	0.126
Leuprolide Acetate	3.6%	8.7%	2.8%	0.0%	0.0%	0.0%	-
Azithromycin	3.3%	15.2%	1.4%	2.1%	6.7%	1.5%	0.07
Leuprolide Acetate	3.3%	2.2%	3.4%	0.0%	0.0%	0.0%	-
Azithromycin	3.0%	2.2%	3.1%	1.6%	4.4%	1.3%	0.092
Adapalene/Benzoyl Peroxide	3.0%	13.0%	1.4%	0.7%	2.5%	0.4%	0.172
Cefdinir	2.7%	4.3%	2.4%	0.7%	1.7%	0.6%	0.154
Lidocaine/Prilocaine	2.7%	2.2%	2.8%	0.1%	0.0%	0.1%	0.221

Table 10c. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Any Fracture

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Montelukast Sodium	2.4%	2.2%	2.4%	1.0%	2.7%	0.7%	0.112
Amoxicillin	2.4%	6.5%	1.7%	0.7%	1.5%	0.6%	0.137
Leuprolide Acetate	2.4%	2.2%	2.4%	0.0%	0.0%	0.0%	-
Amoxicillin	2.1%	6.5%	1.4%	1.7%	4.7%	1.3%	0.031
Oseltamivir Phosphate ³	2.1%	2.2%	2.1%	0.8%	1.7%	0.7%	0.108

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 10d. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (N)	439 (100.0%)	0 (0.0%)	439 (100.0%)	439 (100.0%)	0 (0.0%)	439 (100.0%)	-
Follow-up time (person-days; mean, SD)	1,069.9 (948.5)	-	1,069.9 (948.5)	1,066.8 (1088.7)	-	1,066.8 (1088.7)	0.003
Characteristics							
Mean age (years)	9.1 (1.8)	-	9.1 (1.8)	9.1 (1.8)	-	9.1 (1.8)	0
Age (years)							
0-2	11 (2.5%)	0 (0.0%)	11 (2.5%)	11 (2.5%)	0 (0.0%)	11 (2.5%)	0
3-4	5 (1.1%)	0 (0.0%)	5 (1.1%)	5 (1.1%)	0 (0.0%)	5 (1.1%)	0
5-6	26 (5.9%)	0 (0.0%)	26 (5.9%)	26 (5.9%)	0 (0.0%)	26 (5.9%)	0
7-8	123 (28.0%)	0 (0.0%)	123 (28.0%)	123 (28.0%)	0 (0.0%)	123 (28.0%)	-
9-10	274 (62.4%)	0 (0.0%)	274 (62.4%)	274 (62.4%)	0 (0.0%)	274 (62.4%)	0
Race ¹							
American Indian or Alaska Native	1 (0.2%)	0 (0.0%)	1 (0.2%)	1 (0.3%)	0 (0.0%)	1 (0.3%)	-0.009
Asian	8 (1.8%)	0 (0.0%)	8 (1.8%)	8 (1.8%)	0 (0.0%)	8 (1.8%)	0.002
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.2%)	13 (2.9%)	0 (0.0%)	13 (2.9%)	0.017
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	-
Unknown	366 (83.4%)	0 (0.0%)	366 (83.4%)	367 (83.6%)	0 (0.0%)	367 (83.6%)	-0.01
White	50 (11.4%)	0 (0.0%)	50 (11.4%)	49 (11.3%)	0 (0.0%)	49 (11.3%)	-
Anti-epileptic drugs	13 (3.0%)	0 (0.0%)	13 (3.0%)	5 (1.2%)	0 (0.0%)	5 (1.2%)	0.127
Anticoagulants	6 (1.4%)	0 (0.0%)	6 (1.4%)	0 (0.1%)	0 (0.0%)	0 (0.1%)	0.152
Antidepressants	44 (10.0%)	0 (0.0%)	44 (10.0%)	22 (5.1%)	0 (0.0%)	22 (5.1%)	0.189
Beta blockers	4 (0.9%)	0 (0.0%)	4 (0.9%)	1 (0.3%)	0 (0.0%)	1 (0.3%)	0.079
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	30 (6.8%)	0 (0.0%)	30 (6.8%)	1 (0.2%)	0 (0.0%)	1 (0.2%)	0.369
Corticosteroids	131 (29.8%)	0 (0.0%)	131 (29.8%)	95 (21.6%)	0 (0.0%)	95 (21.6%)	0.191
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting goserelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	41 (9.3%)	0 (0.0%)	41 (9.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	3 (0.7%)	0 (0.0%)	3 (0.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 10d. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with			Matched Non-CPP Controls			Weighted SMD (all)
	Non-CPP Controls			Matched Non-CPP Controls			
	All	With event	Without event	All	With event	Without event	
Loop diuretics	2 (0.5%)	0 (0.0%)	2 (0.5%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	0.064
Medroxyprogesterone	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.061
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	6 (1.4%)	0 (0.0%)	6 (1.4%)	6 (1.4%)	0 (0.0%)	6 (1.4%)	0
Short-acting Gonadotropin-Releasing Hormone agonists	7 (1.6%)	0 (0.0%)	7 (1.6%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	5 (1.1%)	0 (0.0%)	5 (1.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	71.1%	0.0%	71.1%	0.1%	0.0%	0.1%	2.201
Routine Infant Or Child Health Check	47.0%	0.0%	47.0%	39.5%	0.0%	39.5%	0.152
Encounter For Immunization	37.5%	0.0%	37.5%	22.7%	0.0%	22.7%	0.328
Encounter Rtn Child Health Exam W/O Abnorml Find	35.4%	0.0%	35.4%	21.5%	0.0%	21.5%	0.314
Precocious Puberty	33.0%	0.0%	33.0%	0.0%	0.0%	0.0%	0.998
Need Prophylactic	28.9%	0.0%	28.9%	21.2%	0.0%	21.2%	0.181
Vaccination&inoculation Flu							
Acute Pharyngitis	25.0%	0.0%	25.0%	20.6%	0.0%	20.6%	0.107
Acute Uris Of Unspecified Site	21.7%	0.0%	21.7%	14.8%	0.0%	14.8%	0.181
Acute Pharyngitis Unspecified	16.7%	0.0%	16.7%	9.8%	0.0%	9.8%	0.205
Need Proph Vac W/Comb	16.4%	0.0%	16.4%	14.5%	0.0%	14.5%	0.052
Diphth-Tetanus-Pertuss Vac							
Need Proph Vacc Against Oth Spec Vacc	16.1%	0.0%	16.1%	13.9%	0.0%	13.9%	0.061
Cough	16.1%	0.0%	16.1%	10.6%	0.0%	10.6%	0.163
Streptococcal Sore Throat	12.5%	0.0%	12.5%	7.9%	0.0%	7.9%	0.155
Short Stature	12.5%	0.0%	12.5%	0.8%	0.0%	0.8%	0.481

Table 10d. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Other Unknown&unspec Cause Morbidity/Mortality	11.6%	0.0%	11.6%	8.2%	0.0%	8.2%	0.135
Acute Sinusitis, Unspecified	11.6%	0.0%	11.6%	7.1%	0.0%	7.1%	0.155
Allergic Rhinitis Cause Unspecified	11.0%	0.0%	11.0%	7.4%	0.0%	7.4%	0.128
Unspecified Viral Infection In Cce & Uns Site	10.4%	0.0%	10.4%	6.5%	0.0%	6.5%	0.145
Encounter Rtn Child Health Exam W/Abnormal Find	10.4%	0.0%	10.4%	3.4%	0.0%	3.4%	0.284
Pain In Soft Tissues Of Limb	9.8%	0.0%	9.8%	6.2%	0.0%	6.2%	0.134
Need Proph Vaccination&inoculat Oth Viral Dz	9.8%	0.0%	9.8%	5.0%	0.0%	5.0%	0.187
Fever Unspecified	9.5%	0.0%	9.5%	6.6%	0.0%	6.6%	0.107
Add Of Childhood With Hyperactivity	9.2%	0.0%	9.2%	6.8%	0.0%	6.8%	0.09
Unspecified Otitis Media	9.2%	0.0%	9.2%	6.0%	0.0%	6.0%	0.121
Dietary Counseling And Surveillance	9.2%	0.0%	9.2%	5.4%	0.0%	5.4%	0.156
Headache	9.2%	0.0%	9.2%	5.0%	0.0%	5.0%	0.165
Other Acne	9.2%	0.0%	9.2%	3.6%	0.0%	3.6%	0.233
Other Hyperfunction Of Pituitary Gland	8.9%	0.0%	8.9%	0.0%	0.0%	0.0%	-
Acute Upper Respiratory Infection Unspecified	8.6%	0.0%	8.6%	5.5%	0.0%	5.5%	0.123
Asthma, Unspecified, Unspecified Status	8.3%	0.0%	8.3%	5.1%	0.0%	5.1%	0.13
Cough	8.3%	0.0%	8.3%	4.9%	0.0%	4.9%	0.14
Abdominal Pain, Unspecified Site	8.3%	0.0%	8.3%	4.2%	0.0%	4.2%	0.173
Other Specified Counseling	7.4%	0.0%	7.4%	3.5%	0.0%	3.5%	0.199
Need Proph Vacc&inoculat Against Viral Hep	7.1%	0.0%	7.1%	5.6%	0.0%	5.6%	0.066
Contact Dermatitis&other Eczema Due Unspec Cause	7.1%	0.0%	7.1%	4.8%	0.0%	4.8%	0.1
Fever Unspecified	7.1%	0.0%	7.1%	2.9%	0.0%	2.9%	0.196
Acute Sinusitis Unspecified	7.1%	0.0%	7.1%	2.0%	0.0%	2.0%	0.25
Pituitary Dwarfism	6.8%	0.0%	6.8%	0.1%	0.0%	0.1%	0.37

Table 10d. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with			Matched Non-CPP Controls			Weighted SMD (all)
	Non-CPP Controls						
	All	With event	Without event	All	With event	Without event	
Body Mass Index Bmi Pediatric 5th % < 85th % Age	6.3%	0.0%	6.3%	4.0%	0.0%	4.0%	0.106
Add Childhood Without Mention Hyperactivity	6.3%	0.0%	6.3%	3.4%	0.0%	3.4%	0.134
Acute Bronchitis	5.1%	0.0%	5.1%	3.3%	0.0%	3.3%	0.086
Streptococcal Pharyngitis	5.1%	0.0%	5.1%	2.9%	0.0%	2.9%	0.11
Anxiety Disorder Unspecified	5.1%	0.0%	5.1%	1.2%	0.0%	1.2%	0.226
Other Long Term Current Drug Therapy	5.1%	0.0%	5.1%	1.2%	0.0%	1.2%	0.223
Need Proph Vacc&inoculat Against Varicella	4.8%	0.0%	4.8%	2.9%	0.0%	2.9%	0.1
Body Mass Index Bmi Ped >/Equal 95th% For Age	4.8%	0.0%	4.8%	1.4%	0.0%	1.4%	0.205
Unspecified Viral Warts	4.2%	0.0%	4.2%	2.7%	0.0%	2.7%	0.082
Dietary Surveillance And Counseling	3.9%	0.0%	3.9%	4.0%	0.0%	4.0%	-0.01
Vomiting Alone	3.9%	0.0%	3.9%	1.1%	0.0%	1.1%	0.184
Acne Vulgaris	3.9%	0.0%	3.9%	1.3%	0.0%	1.3%	0.166
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	11.0%	0.0%	11.0%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	10.7%	0.0%	10.7%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	8.3%	0.0%	8.3%	7.0%	0.0%	7.0%	0.052
Amoxicillin	7.4%	0.0%	7.4%	6.4%	0.0%	6.4%	0.04
Leuprolide Acetate	6.0%	0.0%	6.0%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	4.2%	0.0%	4.2%	2.1%	0.0%	2.1%	0.121
Amoxicillin	3.9%	0.0%	3.9%	1.7%	0.0%	1.7%	0.132
Azithromycin	3.9%	0.0%	3.9%	1.8%	0.0%	1.8%	0.126
Leuprolide Acetate	3.6%	0.0%	3.6%	0.0%	0.0%	0.0%	-
Azithromycin	3.3%	0.0%	3.3%	2.1%	0.0%	2.1%	0.07
Leuprolide Acetate	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-
Azithromycin	3.0%	0.0%	3.0%	1.6%	0.0%	1.6%	0.092
Adapalene/Benzoyl Peroxide	3.0%	0.0%	3.0%	0.7%	0.0%	0.7%	0.172
Cefdinir	2.7%	0.0%	2.7%	0.7%	0.0%	0.7%	0.154
Lidocaine/Prilocaine	2.7%	0.0%	2.7%	0.1%	0.0%	0.1%	0.221

Table 10d. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Hip Replacement

	Leuprolide Acetate Exposed Children Matched with			Matched Non-CPP Controls			Weighted SMD (all)
	Non-CPP Controls						
	All	With event	Without event	All	With event	Without event	
Montelukast Sodium	2.4%	0.0%	2.4%	1.0%	0.0%	1.0%	0.112
Amoxicillin	2.4%	0.0%	2.4%	0.7%	0.0%	0.7%	0.137
Leuprolide Acetate	2.4%	0.0%	2.4%	0.0%	0.0%	0.0%	-
Amoxicillin	2.1%	0.0%	2.1%	1.7%	0.0%	1.7%	0.031
Oseltamivir Phosphate ³	2.1%	0.0%	2.1%	0.8%	0.0%	0.8%	0.108

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 10e. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Patients (N)	439 (100.0%)	0 (0.0%)	439 (100.0%)	439 (100.0%)	0 (0.0%)	439 (100.0%)	-
Follow-up time (person-days; mean, SD)	1,069.9 (948.5)	-	1,069.9 (948.5)	1,066.8 (1088.7)	-	1,066.8 (1088.7)	0.003
Characteristics							
Mean age (years)	9.1 (1.8)	-	9.1 (1.8)	9.1 (1.8)	-	9.1 (1.8)	0
Age (years)							
0-2	11 (2.5%)	0 (0.0%)	11 (2.5%)	11 (2.5%)	0 (0.0%)	11 (2.5%)	0
3-4	5 (1.1%)	0 (0.0%)	5 (1.1%)	5 (1.1%)	0 (0.0%)	5 (1.1%)	0
5-6	26 (5.9%)	0 (0.0%)	26 (5.9%)	26 (5.9%)	0 (0.0%)	26 (5.9%)	0
7-8	123 (28.0%)	0 (0.0%)	123 (28.0%)	123 (28.0%)	0 (0.0%)	123 (28.0%)	-
9-10	274 (62.4%)	0 (0.0%)	274 (62.4%)	274 (62.4%)	0 (0.0%)	274 (62.4%)	0
Race ¹							
American Indian or Alaska Native	1 (0.2%)	0 (0.0%)	1 (0.2%)	1 (0.3%)	0 (0.0%)	1 (0.3%)	-0.009
Asian	8 (1.8%)	0 (0.0%)	8 (1.8%)	8 (1.8%)	0 (0.0%)	8 (1.8%)	0.002
Black or African American	14 (3.2%)	0 (0.0%)	14 (3.2%)	13 (2.9%)	0 (0.0%)	13 (2.9%)	0.017
Native Hawaiian or Other Pacific Islander	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	-
Unknown	366 (83.4%)	0 (0.0%)	366 (83.4%)	367 (83.6%)	0 (0.0%)	367 (83.6%)	-0.01
White	50 (11.4%)	0 (0.0%)	50 (11.4%)	49 (11.3%)	0 (0.0%)	49 (11.3%)	-
Anti-epileptic drugs	13 (3.0%)	0 (0.0%)	13 (3.0%)	5 (1.2%)	0 (0.0%)	5 (1.2%)	0.127
Anticoagulants	6 (1.4%)	0 (0.0%)	6 (1.4%)	0 (0.1%)	0 (0.0%)	0 (0.1%)	0.152
Antidepressants	44 (10.0%)	0 (0.0%)	44 (10.0%)	22 (5.1%)	0 (0.0%)	22 (5.1%)	0.189
Beta blockers	4 (0.9%)	0 (0.0%)	4 (0.9%)	1 (0.3%)	0 (0.0%)	1 (0.3%)	0.079
Bisphosphonates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Chemotherapy	30 (6.8%)	0 (0.0%)	30 (6.8%)	1 (0.2%)	0 (0.0%)	1 (0.2%)	0.369
Corticosteroids	131 (29.8%)	0 (0.0%)	131 (29.8%)	95 (21.6%)	0 (0.0%)	95 (21.6%)	0.191
Cyclosporine	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting goserelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting histrelin	41 (9.3%)	0 (0.0%)	41 (9.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Long-acting leuprolide acetate (excluding Leuprolide Acetate)	3 (0.7%)	0 (0.0%)	3 (0.7%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-

Table 10e. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Long-acting triptorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Loop diuretics	2 (0.5%)	0 (0.0%)	2 (0.5%)	1 (0.1%)	0 (0.0%)	1 (0.1%)	0.064
Medroxyprogesterone	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.061
Nitrates	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Proton pump inhibitors	6 (1.4%)	0 (0.0%)	6 (1.4%)	6 (1.4%)	0 (0.0%)	6 (1.4%)	0
Short-acting Gonadotropin-Releasing Hormone agonists	7 (1.6%)	0 (0.0%)	7 (1.6%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting gonadorelin	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting histrelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting leuprolide acetate	5 (1.1%)	0 (0.0%)	5 (1.1%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Short-acting nafarelin	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Statins	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Thiazide diuretics	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	-
Top diagnoses among Leuprolide Acetate Exposed Children²							
Precocious Sexual Development And Puberty Nec	71.1%	0.0%	71.1%	0.1%	0.0%	0.1%	2.201
Routine Infant Or Child Health Check Encounter For Immunization	47.0%	0.0%	47.0%	39.5%	0.0%	39.5%	0.152
Encounter Rtn Child Health Exam W/O Abnorml Find	37.5%	0.0%	37.5%	22.7%	0.0%	22.7%	0.328
Precocious Puberty	35.4%	0.0%	35.4%	21.5%	0.0%	21.5%	0.314
Need Prophylactic Vaccination&inoculation Flu	33.0%	0.0%	33.0%	0.0%	0.0%	0.0%	0.998
Acute Pharyngitis	28.9%	0.0%	28.9%	21.2%	0.0%	21.2%	0.181
Acute Uris Of Unspecified Site	25.0%	0.0%	25.0%	20.6%	0.0%	20.6%	0.107
Acute Pharyngitis Unspecified	21.7%	0.0%	21.7%	14.8%	0.0%	14.8%	0.181
Need Proph Vac W/Comb	16.7%	0.0%	16.7%	9.8%	0.0%	9.8%	0.205
Diphth-Tetanus-Pertuss Vac	16.4%	0.0%	16.4%	14.5%	0.0%	14.5%	0.052
Need Proph Vacc Against Oth Spec Vacc	16.1%	0.0%	16.1%	13.9%	0.0%	13.9%	0.061
Cough	16.1%	0.0%	16.1%	10.6%	0.0%	10.6%	0.163

Table 10e. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Streptococcal Sore Throat	12.5%	0.0%	12.5%	7.9%	0.0%	7.9%	0.155
Short Stature	12.5%	0.0%	12.5%	0.8%	0.0%	0.8%	0.481
Other Unknown&unspec Cause Morbidity/Mortality	11.6%	0.0%	11.6%	8.2%	0.0%	8.2%	0.135
Acute Sinusitis, Unspecified	11.6%	0.0%	11.6%	7.1%	0.0%	7.1%	0.155
Allergic Rhinitis Cause Unspecified	11.0%	0.0%	11.0%	7.4%	0.0%	7.4%	0.128
Unspecified Viral Infection In Cce & Uns Site	10.4%	0.0%	10.4%	6.5%	0.0%	6.5%	0.145
Encounter Rtn Child Health Exam W/Abnormal Find	10.4%	0.0%	10.4%	3.4%	0.0%	3.4%	0.284
Pain In Soft Tissues Of Limb	9.8%	0.0%	9.8%	6.2%	0.0%	6.2%	0.134
Need Proph Vaccination&inoculat Oth Viral Dz	9.8%	0.0%	9.8%	5.0%	0.0%	5.0%	0.187
Fever Unspecified	9.5%	0.0%	9.5%	6.6%	0.0%	6.6%	0.107
Add Of Childhood With Hyperactivity	9.2%	0.0%	9.2%	6.8%	0.0%	6.8%	0.09
Unspecified Otitis Media	9.2%	0.0%	9.2%	6.0%	0.0%	6.0%	0.121
Dietary Counseling And Surveillance	9.2%	0.0%	9.2%	5.4%	0.0%	5.4%	0.156
Headache	9.2%	0.0%	9.2%	5.0%	0.0%	5.0%	0.165
Other Acne	9.2%	0.0%	9.2%	3.6%	0.0%	3.6%	0.233
Other Hyperfunction Of Pituitary Gland	8.9%	0.0%	8.9%	0.0%	0.0%	0.0%	-
Acute Upper Respiratory Infection Unspecified	8.6%	0.0%	8.6%	5.5%	0.0%	5.5%	0.123
Asthma, Unspecified, Unspecified Status	8.3%	0.0%	8.3%	5.1%	0.0%	5.1%	0.13
Cough	8.3%	0.0%	8.3%	4.9%	0.0%	4.9%	0.14
Abdominal Pain, Unspecified Site	8.3%	0.0%	8.3%	4.2%	0.0%	4.2%	0.173
Other Specified Counseling	7.4%	0.0%	7.4%	3.5%	0.0%	3.5%	0.199
Need Proph Vacc&inoculat Against Viral Hep	7.1%	0.0%	7.1%	5.6%	0.0%	5.6%	0.066
Contact Dermatitis&other Eczema Due Unspec Cause	7.1%	0.0%	7.1%	4.8%	0.0%	4.8%	0.1

Table 10e. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Fever Unspecified	7.1%	0.0%	7.1%	2.9%	0.0%	2.9%	0.196
Acute Sinusitis Unspecified	7.1%	0.0%	7.1%	2.0%	0.0%	2.0%	0.25
Pituitary Dwarfism	6.8%	0.0%	6.8%	0.1%	0.0%	0.1%	0.37
Body Mass Index Bmi Pediatric 5th % < 85th % Age	6.3%	0.0%	6.3%	4.0%	0.0%	4.0%	0.106
Add Childhood Without Mention Hyperactivity	6.3%	0.0%	6.3%	3.4%	0.0%	3.4%	0.134
Acute Bronchitis	5.1%	0.0%	5.1%	3.3%	0.0%	3.3%	0.086
Streptococcal Pharyngitis	5.1%	0.0%	5.1%	2.9%	0.0%	2.9%	0.11
Anxiety Disorder Unspecified	5.1%	0.0%	5.1%	1.2%	0.0%	1.2%	0.226
Other Long Term Current Drug Therapy	5.1%	0.0%	5.1%	1.2%	0.0%	1.2%	0.223
Need Proph Vacc&inoculat Against Varicella	4.8%	0.0%	4.8%	2.9%	0.0%	2.9%	0.1
Body Mass Index Bmi Ped >/Equal 95th% For Age	4.8%	0.0%	4.8%	1.4%	0.0%	1.4%	0.205
Unspecified Viral Warts	4.2%	0.0%	4.2%	2.7%	0.0%	2.7%	0.082
Dietary Surveillance And Counseling	3.9%	0.0%	3.9%	4.0%	0.0%	4.0%	-0.01
Vomiting Alone	3.9%	0.0%	3.9%	1.1%	0.0%	1.1%	0.184
Acne Vulgaris	3.9%	0.0%	3.9%	1.3%	0.0%	1.3%	0.166
Top prescription medications utilized by Leuprolide Acetate Exposed Children²							
Leuprolide Acetate	11.0%	0.0%	11.0%	0.0%	0.0%	0.0%	-
Leuprolide Acetate	10.7%	0.0%	10.7%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	8.3%	0.0%	8.3%	7.0%	0.0%	7.0%	0.052
Amoxicillin	7.4%	0.0%	7.4%	6.4%	0.0%	6.4%	0.04
Leuprolide Acetate	6.0%	0.0%	6.0%	0.0%	0.0%	0.0%	-
Albuterol Sulfate	4.2%	0.0%	4.2%	2.1%	0.0%	2.1%	0.121
Amoxicillin	3.9%	0.0%	3.9%	1.7%	0.0%	1.7%	0.132
Azithromycin	3.9%	0.0%	3.9%	1.8%	0.0%	1.8%	0.126
Leuprolide Acetate	3.6%	0.0%	3.6%	0.0%	0.0%	0.0%	-
Azithromycin	3.3%	0.0%	3.3%	2.1%	0.0%	2.1%	0.07
Leuprolide Acetate	3.3%	0.0%	3.3%	0.0%	0.0%	0.0%	-

Table 10e. Characteristics of Male Patients Exposed to Leuprolide Acetate and their Matched Non-Central Precocious Puberty (CPP) Controls from Index Date until the End of Follow-up in the Sentinel Distributed Database (SDD) between January 1, 2000 and August 31, 2018, by Event Status, Temporomandibular Joint Replacement

	Leuprolide Acetate Exposed Children Matched with Non-CPP Controls			Matched Non-CPP Controls			Weighted SMD (all)
	All	With event	Without event	All	With event	Without event	
Azithromycin	3.0%	0.0%	3.0%	1.6%	0.0%	1.6%	0.092
Adapalene/Benzoyl Peroxide	3.0%	0.0%	3.0%	0.7%	0.0%	0.7%	0.172
Cefdinir	2.7%	0.0%	2.7%	0.7%	0.0%	0.7%	0.154
Lidocaine/Prilocaine	2.7%	0.0%	2.7%	0.1%	0.0%	0.1%	0.221
Montelukast Sodium	2.4%	0.0%	2.4%	1.0%	0.0%	1.0%	0.112
Amoxicillin	2.4%	0.0%	2.4%	0.7%	0.0%	0.7%	0.137
Leuprolide Acetate	2.4%	0.0%	2.4%	0.0%	0.0%	0.0%	-
Amoxicillin	2.1%	0.0%	2.1%	1.7%	0.0%	1.7%	0.031
Osetamivir Phosphate ³	2.1%	0.0%	2.1%	0.8%	0.0%	0.8%	0.108

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²This section of the table includes data from 9 Data Partners.

³Characteristics in blue show a standardized difference greater than 0.1 or less than -0.1

Table 11a. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Major Fracture

Number of Matched Sets = 439

Number of Matched Sets with no event = 285

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
01_110_6	866										
01_110_8	1028										
01_112_2	207										
01_12_2	1365	1959									
01_12_4	665										
01_12_6	1470										
01_13_10	187										
01_13_3	1411*										
01_14_2	266										
01_15_2	2508										
01_15_4	1521										
01_15_6	300	527	904								
01_15_7	652										
01_15_8	682										
01_16_2	694										
01_16_4	2190										
01_16_5	55										
01_17_1	301										
01_17_7	1078										
01_17_8	1157										
01_18_4	1857*										
01_18_7	411	861									
01_19_2	1264										
01_19_4	504										
01_19_7	334										
02_110_2	737*										
02_111_3	414										
02_111_6	552										
02_11_3	621										
02_11_5	207*	456	1398								
02_12_2	558										
02_14_10	51										

Table 11a. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Major Fracture

Number of Matched Sets = 439

Number of Matched Sets with no event = 285

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
02_14_7	958*										
02_14_8	596	782									
02_15_6	699										
02_16_1	6	1989									
02_16_2	1204	1229									
02_17_4	441										
02_18_1	76	385									
02_18_6	314	516									
02_18_9	367										
02_19_10	1586										
02_19_13	81										
02_19_14	772										
02_19_15	1322										
02_19_16	737										
02_19_2	60										
02_19_8	33										
03_110_11	564										
03_110_15	552										
03_110_17	353	1253									
03_110_2	236	358									
03_110_6	737*										
03_110_8	162										
03_110_9	29										
03_111_1	1154										
03_111_10	2626										
03_111_5	895										
03_111_6	270	934*									
03_111_7	307										
03_111_8	1446										
03_111_9	991										
03_112_1	9										
03_112_6	186										

Table 11a. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Major Fracture

Number of Matched Sets = 439

Number of Matched Sets with no event = 285

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
03_11_1	18										
03_11_6	756										
03_12_11	342										
03_12_13	1509										
03_12_15	1394										
03_12_2	204										
03_12_4	409										
03_12_5	703										
03_12_6	250										
03_12_7	1099										
03_13_1	98										
03_13_10	676										
03_13_11	50										
03_13_12	48	565*									
03_13_13	198										
03_13_15	212										
03_13_4	3012										
03_13_5	214	1593									
03_13_6	32										
03_13_8	1656										
03_13_9	952	3289									
03_14_10	413										
03_14_3	473										
03_14_4	141										
03_14_7	882										
03_14_8	2604*										
03_15_11	3	180	729	1047*	1117						
03_15_3	29										
03_15_6	1102										
03_16_15	326										
03_16_2	1498										
03_16_6	55*	152									

Table 11a. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Major Fracture

Number of Matched Sets = 439

Number of Matched Sets with no event = 285

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
03_16_7	1334										
03_16_8	1816										
03_16_9	842	1234	1372*								
03_17_10	77										
03_17_2	50										
03_17_4	134	438*									
03_17_8	1121										
03_18_3	615										
03_18_4	1136										
03_19_10	919	1339									
03_19_5	777*										
03_19_9	172										
04_110_2	551										
04_110_3	565										
04_112_4	405										
04_13_1	260*	534									
04_18_1	2211										
04_19_1	1149										
05_17_1	2103										
07_112_2	855										
07_12_2	1906										
07_12_3	790										
07_13_2	57										
07_16_1	1950										
07_18_1	538										
07_18_2	1638										
08_14_1	391										
09_112_1	1786										
09_11_2	466										
09_11_3	894	1091									
09_12_1	140										
09_12_2	306*	1574									

Table 11a. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Major Fracture

Number of Matched Sets = 439

Number of Matched Sets with no event = 285

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
09_15_1	27	374									
09_19_1	491										
10_11_1	1254*										
10_14_1	3637										
10_15_1	184	679*									
10_16_1	183	778									
10_17_2	85	2846									
10_18_1	1325										
10_19_1	203										
10_19_2	344	510									
11_110_4	1533										
11_110_5	350										
11_111_2	1122										
11_112_1	1336										
11_112_4	411	2009									
11_112_5	616										
11_12_2	2080										
11_12_4	1311										
11_13_1	251	623	1386								
11_13_2	87										
11_15_1	2027										
11_15_2	44										
11_17_3	218										
11_19_1	244*										
11_19_2	402										
11_19_3	2280										

Table 11b. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Central Precocious Puberty (CPP) Controls, Major Fracture

Number of Matched Sets = 432

Number of Matched Sets with no event = 314

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
01_110_3	834										
01_110_6	351										
01_112_2	520	652									
01_112_5	668										
01_11_5	676										
01_11_7	973										
01_11_8	1095										
01_12_2	925										
01_12_8	519	553									
01_13_10	954										
01_13_2	182										
01_13_3	1411*										
01_13_5	1480										
01_15_10	722										
01_15_3	12	1926									
01_15_7	553										
01_16_3	99	473									
01_17_1	77										
01_17_2	299										
01_17_3	380										
01_17_5	928										
01_17_7	639										
01_18_2	81										
01_18_4	1857*										
01_18_6	22										
01_19_4	536										
02_110_1	1269										
02_110_2	737*										
02_110_3	723										
02_110_4	2279										
02_111_3	1135										
02_111_5	147										
02_112_4	488										

Table 11b. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Central Precocious Puberty (CPP) Controls, Major Fracture

Number of Matched Sets = 432

Number of Matched Sets with no event = 314

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
02_11_3	271										
02_11_5	207*										
02_12_2	717										
02_12_3	2312										
02_14_7	958*										
02_16_3	1426										
02_17_4	1549										
02_18_1	107										
02_19_4	258										
03_110_1	1299										
03_110_14	248										
03_110_3	695										
03_110_6	737*										
03_110_8	1378										
03_111_11	102										
03_111_2	220										
03_111_3	152										
03_111_5	668										
03_111_6	934*										
03_111_8	324										
03_112_2	1015										
03_112_6	624	845									
03_11_1	1286										
03_11_2	792										
03_11_5	345										
03_11_8	18										
03_12_12	236										
03_12_14	1196										
03_12_15	1302	1460									
03_12_17	425										
03_12_18	471										
03_12_4	260										
03_12_9	945										

Table 11b. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Central Precocious Puberty (CPP) Controls, Major Fracture

Number of Matched Sets = 432

Number of Matched Sets with no event = 314

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
03_13_11	1220										
03_13_12	565*										
03_13_16	761										
03_13_2	767										
03_13_6	1559										
03_14_3	559										
03_14_4	1241										
03_14_5	603										
03_14_6	214	1171									
03_14_8	2604*										
03_14_9	825										
03_15_11	1047*										
03_15_3	129										
03_15_5	647										
03_15_6	997										
03_15_8	504										
03_16_11	291										
03_16_13	297	333									
03_16_5	1422										
03_16_6	55*										
03_16_7	709										
03_16_9	1372*	1496									
03_17_3	27	88									
03_17_4	438*										
03_17_8	1360										
03_17_9	748										
03_18_1	106										
03_18_3	205										
03_18_4	113										
03_19_12	1075										
03_19_2	941										
03_19_4	1571										
03_19_5	777*	1138									

Table 11b. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Central Precocious Puberty (CPP) Controls, Major Fracture

Number of Matched Sets = 432

Number of Matched Sets with no event = 314

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
03_19_7	2505										
04_112_4	844										
04_13_1	260*										
05_111_1	821										
07_112_1	994	1016									
07_12_1	1461										
07_12_2	61										
07_13_2	518										
07_16_1	227	533									
07_18_2	653										
08_19_1	949										
09_12_2	306*										
10_11_1	1254*	1600									
10_15_1	364	679*									
10_19_4	829										
11_110_4	482										
11_15_3	20										
11_19_1	244*										
11_19_5	350										

Table 11c. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Any Fracture

Number of Matched Sets = 439

Number of Matched Sets with no event = 119

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
01_110_1	1240*										
01_110_2	11	144*	559								
01_110_3	354	628*									
01_110_6	866										
01_110_8	1027										
01_111_2	415	878	1366								
01_111_3	1414										
01_111_5	154										
01_112_2	207										
01_112_4	636	999									
01_112_6	765										
01_11_1	1004										
01_11_3	276										
01_11_6	873										
01_12_1	2378*										
01_12_2	156	408*	1027	1365	1959						
01_12_3	215										
01_12_4	665										
01_12_5	1960										
01_12_6	26	403									
01_12_8	458	663									
01_13_1	2838										
01_13_10	91	187	3138								
01_13_3	271	1411*									
01_13_5	2005										
01_13_7	235										
01_13_9	1548										
01_14_1	150										
01_14_2	266										
01_14_3	180	358*									
01_14_4	1259	1646									
01_15_10	546										
01_15_2	836*	1428	2486								

Table 11c. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Any Fracture

Number of Matched Sets = 439

Number of Matched Sets with no event = 119

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
01_15_4	653										
01_15_6	300	527	883								
01_15_7	652	1586	2197								
01_15_8	170	190	615	682	1954						
01_16_2	694										
01_16_3	625										
01_16_4	2190										
01_16_5	50	276	576								
01_17_1	292										
01_17_2	2264										
01_17_3	949	1552									
01_17_4	435	1150									
01_17_5	11	56	233								
01_17_7	356	580*									
01_17_8	834*	952	1157	2074							
01_18_3	1143										
01_18_4	1857*										
01_18_5	624	1012	2039								
01_18_7	411	861									
01_19_2	224	1264	2182								
01_19_4	246										
01_19_6	429	464	684								
01_19_7	334	725	2094								
01_19_8	65										
02_110_2	737*										
02_110_4	16	472									
02_110_5	27*										
02_110_8	384										
02_111_1	103										
02_111_3	414										
02_111_6	552	2412									
02_111_7	314										
02_112_1	427*										

Table 11c. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Any Fracture

Number of Matched Sets = 439

Number of Matched Sets with no event = 119

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
02_112_4	922	2761									
02_112_5	513										
02_112_6	127										
02_11_1	1192										
02_11_2	826										
02_11_3	108	621									
02_11_4	746										
02_11_5	207*	456	1389								
02_11_6	1190										
02_11_7	345	651									
02_12_1	608										
02_12_2	558										
02_12_3	872										
02_13_2	320	934									
02_13_3	208										
02_13_4	1031										
02_14_10	51	219									
02_14_2	918										
02_14_4	110										
02_14_5	756										
02_14_6	1113*										
02_14_7	958*										
02_14_8	567	596	782								
02_15_2	1154*										
02_15_3	5*	287	1057								
02_15_5	437*	592	1537								
02_15_6	699										
02_16_1	6	1975									
02_16_2	1204	1229									
02_16_4	855										
02_16_5	408	747	1347								
02_16_6	453										
02_17_1	222	288	318*								

Table 11c. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Any Fracture

Number of Matched Sets = 439

Number of Matched Sets with no event = 119

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
02_17_2	1471										
02_17_4	3	433	745								
02_18_1	76	377									
02_18_2	768										
02_18_6	314	516									
02_18_9	276										
02_19_10	328	1586									
02_19_13	81	183	1946								
02_19_14	772	887									
02_19_15	237	1322	1546	2009							
02_19_16	126										
02_19_17	1818										
02_19_2	60	355									
02_19_3	590										
02_19_8	33	745									
03_110_10	285										
03_110_11	83	519									
03_110_12	1912										
03_110_13	888										
03_110_14	2973										
03_110_15	552	911									
03_110_16	1253	2406									
03_110_17	333	336	353	580							
03_110_2	236	358	529	1381							
03_110_4	98										
03_110_5	350										
03_110_6	737*	2931									
03_110_7	491	1719									
03_110_8	162	1094									
03_110_9	4	19									
03_111_1	77	1129	1154								
03_111_10	16	2626									
03_111_11	1232										

Table 11c. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Any Fracture

Number of Matched Sets = 439

Number of Matched Sets with no event = 119

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
03_111_2	628*										
03_111_5	895										
03_111_6	270	934*									
03_111_7	307	986*									
03_111_8	1071	1446									
03_111_9	834	2866									
03_112_1	9	1621									
03_112_2	308*	936	1850								
03_112_3	3778										
03_112_4	733										
03_112_6	186										
03_11_1	18										
03_11_5	565*										
03_11_6	756										
03_11_8	2025										
03_12_10	640										
03_12_11	342										
03_12_12	946										
03_12_13	1509										
03_12_14	1073										
03_12_15	422	1394									
03_12_16	1374										
03_12_17	2746										
03_12_18	275*	925									
03_12_2	32	204									
03_12_4	409										
03_12_5	703										
03_12_6	250	2081*									
03_12_7	1099										
03_12_8	2308*	2641									
03_12_9	1543										
03_13_1	10*	98	1887								
03_13_10	550	686*									

Table 11c. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Any Fracture

Number of Matched Sets = 439

Number of Matched Sets with no event = 119

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
03_13_11	50	223									
03_13_12	20	238	330	475*							
03_13_13	42										
03_13_15	212	609									
03_13_16	895										
03_13_4	2015	3012									
03_13_5	214	1593									
03_13_6	32										
03_13_8	142	1656									
03_13_9	952	1509									
03_14_1	23										
03_14_10	413										
03_14_3	473										
03_14_4	142										
03_14_5	1170										
03_14_7	196	882									
03_14_8	2	725*	745	3015							
03_14_9	59	755	877								
03_15_1	1071										
03_15_10	305										
03_15_11	3	140	180	370	729	802*					
03_15_3	29										
03_15_4	14	1639	1676								
03_15_5	484	857									
03_15_6	278*	1102									
03_15_7	943										
03_15_9	23	307	484*								
03_16_1	1039*										
03_16_10	336*	1723									
03_16_12	425	533	1870								
03_16_13	62	254									
03_16_14	185	212*	629	1570							
03_16_15	326										

Table 11c. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Any Fracture

Number of Matched Sets = 439

Number of Matched Sets with no event = 119

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
03_16_2	1498										
03_16_3	518	547*									
03_16_4	2310										
03_16_6	55*	152	247	2544							
03_16_7	293*	1250									
03_16_8	1816	3596									
03_16_9	190	246	842	1236	1372*						
03_17_1	3343										
03_17_10	77										
03_17_11	64	1321									
03_17_12	398										
03_17_2	50										
03_17_4	140	443*									
03_17_5	575	693									
03_17_6	1311*										
03_17_7	370										
03_17_8	1121										
03_17_9	177	603									
03_18_1	154	1367									
03_18_3	329	615									
03_18_4	621	1136	1154	1393*							
03_19_10	919	1051	1339	3542							
03_19_11	145	817									
03_19_12	1364										
03_19_2	1505	2444									
03_19_5	777*										
03_19_7	749										
03_19_8	982										
03_19_9	172	877									
04_110_2	551	1619									
04_110_3	565										
04_111_2	522										
04_111_3	630*										

Table 11c. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Any Fracture

Number of Matched Sets = 439

Number of Matched Sets with no event = 119

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
04_112_2	456*										
04_112_4	68	121	143	405							
04_112_5	1182										
04_112_6	949										
04_12_1	2012	2787*									
04_13_1	252*	534									
04_15_1	561										
04_16_1	3										
04_18_1	1016										
04_18_3	142	785	913								
04_19_1	517	1149									
05_110_1	733	2327									
05_111_1	2844										
05_17_1	647	1315	1503								
05_18_1	1401	5521									
05_19_1	1427*	2412	2880								
06_11_1	1599										
07_110_1	4292										
07_110_2	1963										
07_111_1	369	699	1183	1358							
07_112_1	2972										
07_112_2	585	2401									
07_12_1	797										
07_12_2	1061	1664	1906								
07_12_3	165	795	2030								
07_13_2	57	332	1330	1819							
07_14_1	232	2870									
07_16_1	76	1325	1950								
07_17_1	439	934	999	1719	2615						
07_17_2	390	393	605	1765							
07_18_1	542	1185	1544								
07_18_2	886	1638									
08_110_1	1202	1651	2376								

Table 11c. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Any Fracture

Number of Matched Sets = 439

Number of Matched Sets with no event = 119

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
08_112_1	1070										
08_13_1	92	1515	2460								
08_14_1	391	850									
08_15_1	2094										
08_15_2	211	3184									
08_19_2	1538										
09_110_1	187										
09_112_1	1349										
09_11_2	466	1142*	1504								
09_11_3	798	1091	1905								
09_12_1	140	1786									
09_12_2	306*	643	1046								
09_14_1	720	937	2024								
09_15_1	27	374									
09_19_1	15	274	491								
10_111_1	319	491	1765								
10_111_2	209	264	2721								
10_11_1	1254*	1671	2059								
10_13_1	3866										
10_14_1	874	1642	3629								
10_15_1	184	346*									
10_16_1	44	183									
10_17_1	274										
10_17_2	85	337	2846								
10_18_1	1325										
10_19_1	210	3946									
10_19_2	331	510									
10_19_3	974	4285									
10_19_4	175	316	983	2700	2706						
11_110_2	386										
11_110_4	648	1533	2387								
11_110_5	350	1646									
11_111_2	1122										

Table 11c. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Any Fracture

Number of Matched Sets = 439

Number of Matched Sets with no event = 119

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
11_112_1	1313										
11_112_3	1774										
11_112_4	411	2009									
11_112_5	231	616	985	1634							
11_12_2	2080										
11_12_3	588*										
11_12_4	1311										
11_13_1	192	251	1103	1533	1973						
11_13_2	87	1083									
11_14_1	1937										
11_15_1	1567	2027									
11_15_2	8	44									
11_15_3	134	226									
11_15_4	349	698									
11_15_5	681	728	1222								
11_16_1	1234										
11_17_2	1169										
11_17_3	218	817	1264								
11_19_1	244*										
11_19_2	402	2528									
11_19_3	1733	2219									
11_19_4	1081										
11_19_5	537										

Table 11d. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Hip Replacement

Number of Matched Sets = 439

Number of Matched Sets with no event = 439

* indicates time to event of the exposed child

Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
No Matched Set ID											

Table 11e. Time to Event per Matched Set of Male Patients Exposed to Leuprolide Acetate and their Non-Central Precocious Puberty (CPP) Controls, Temporomandibular Joint Replacement

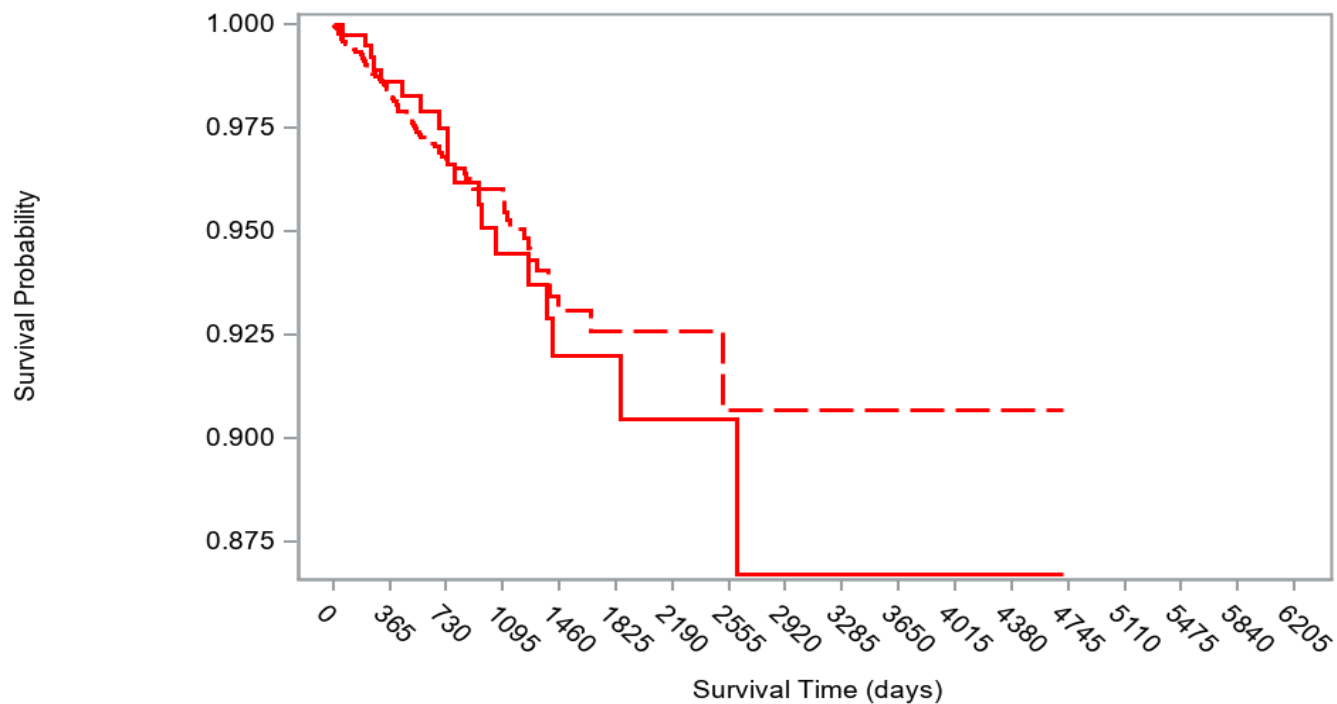
Number of Matched Sets = 439

Number of Matched Sets with no event = 439

* indicates time to event of the exposed child

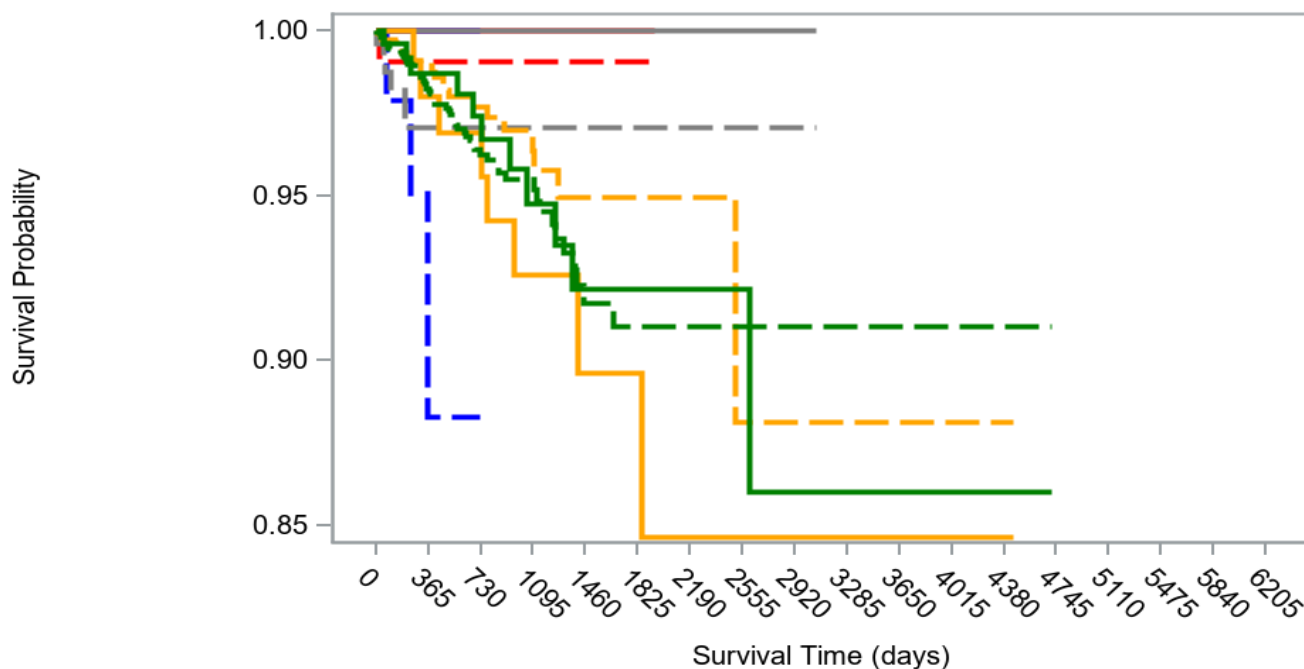
Matched Set ID	Days to Event 1	Days to Event 2	Days to Event 3	Days to Event 4	Days to Event 5	Days to Event 6	Days to Event 7	Days to Event 8	Days to Event 9	Days to Event 10	Days to Event 11
No Matched Set ID											

Figure 1. Kaplan Meier Survival Curves for Male Leuprolide Acetate Exposed Children Matched with Non-Central Precocious Puberty (CPP) Controls, Major Fracture, Overall



	0	365	730	1095	1460	1825	2190	2555	2920	3285	3650	4015	4380	4745	5110	5475	5840	6205
Lupron Depot-Ped Exposed Children	439	313	225	148	95	63	40	25	15	5	2	2	2	0	0	0	0	0
Matched Non-CPP Controls	4390	2106	1033	512	254	143	82	44	30	9	4	2	2	0	0	0	0	0

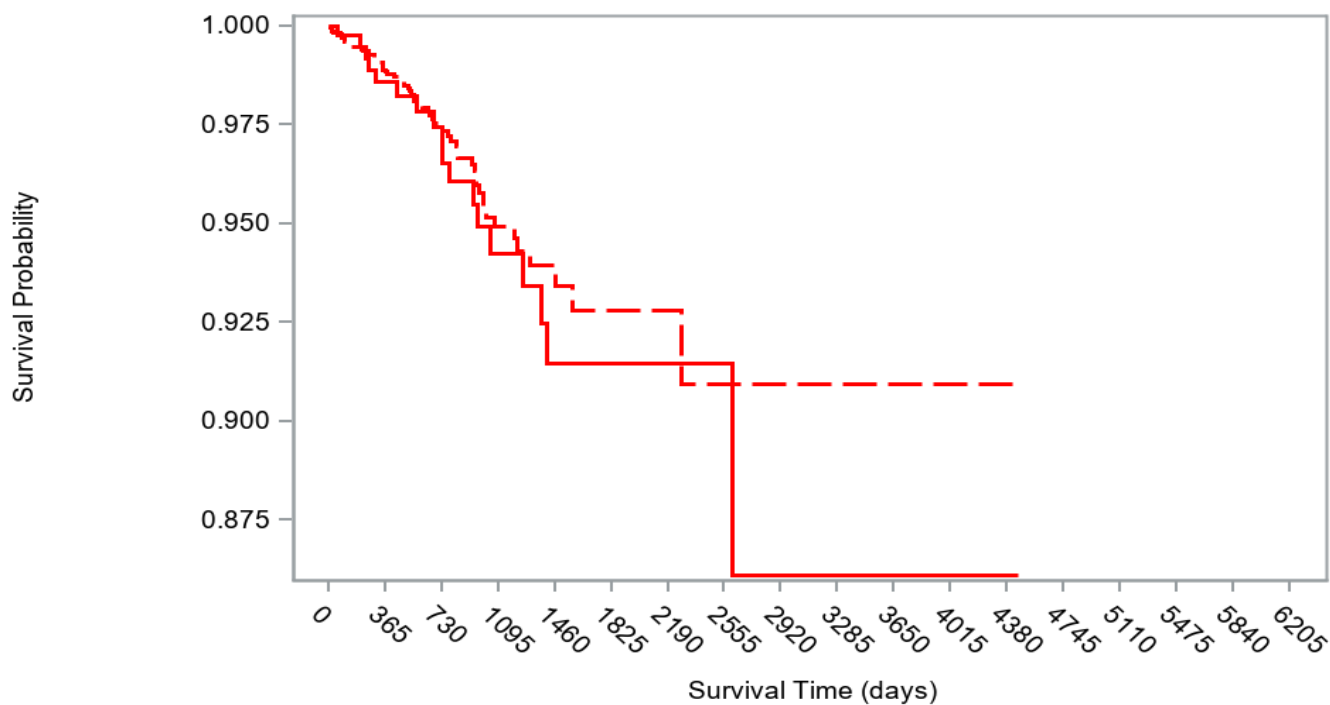
Figure 2. Kaplan Meier Survival Curves for Male Leuprolide Acetate Exposed Children Matched with Non-Central Precocious Puberty (CPP) Controls, Major Fracture, by Age Group



- Lupron Depot-Ped Exposed Children, ages 0-2
- - - Matched Non-CPP Controls, ages 0-2
- Lupron Depot-Ped Exposed Children, ages 3-4
- - - Matched Non-CPP Controls, ages 3-4
- Lupron Depot-Ped Exposed Children, ages 5-6
- - - Matched Non-CPP Controls, ages 5-6
- Lupron Depot-Ped Exposed Children, ages 7-8
- - - Matched Non-CPP Controls, ages 7-8
- Lupron Depot-Ped Exposed Children, ages 9-10
- - - Matched Non-CPP Controls, ages 9-10

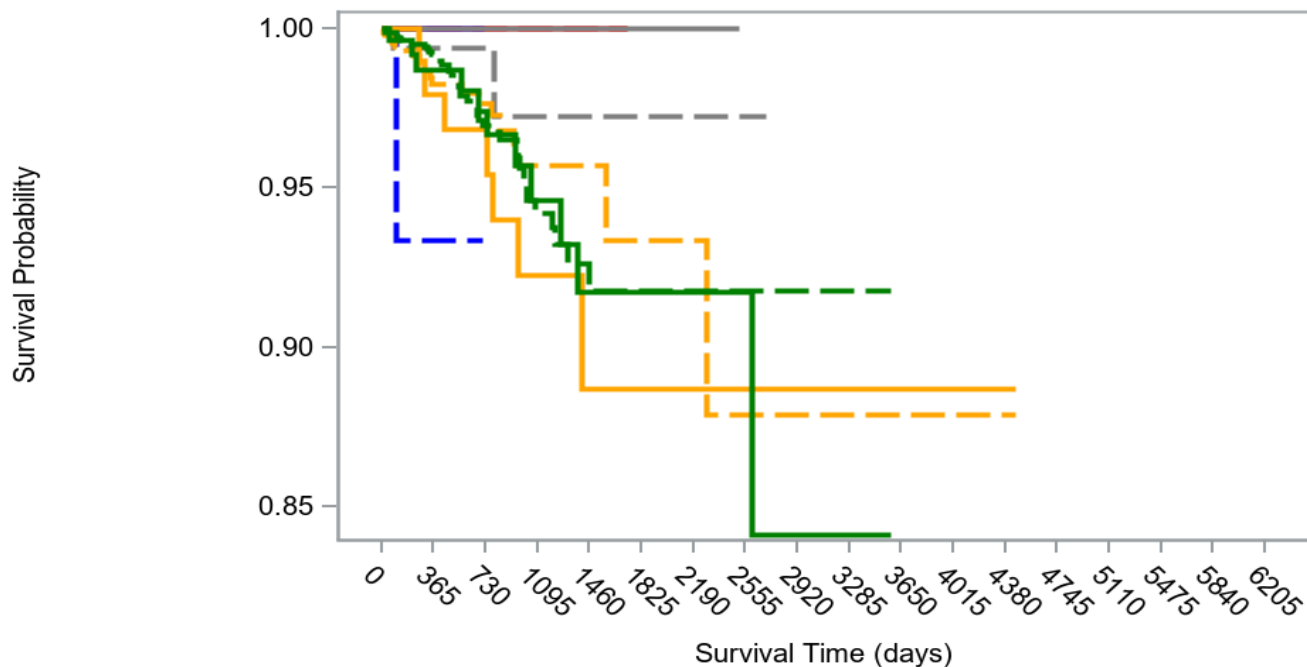
Lupron Depot-Ped Exposed Children, ages 0-2	11	8	4	4	3	1	0	0	0	0	0	0	0	0	0	0
Matched Non-CPP Controls, ages 0-2	110	56	20	15	11	1	0	0	0	0	0	0	0	0	0	0
Lupron Depot-Ped Exposed Children, ages 3-4	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Matched Non-CPP Controls, ages 3-4	50	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lupron Depot-Ped Exposed Children, ages 5-6	26	19	12	9	4	4	3	2	1	0	0	0	0	0	0	0
Matched Non-CPP Controls, ages 5-6	260	121	57	35	10	9	7	3	2	0	0	0	0	0	0	0
Lupron Depot-Ped Exposed Children, ages 7-8	123	93	73	48	28	18	11	7	5	2	1	1	1	0	0	0
Matched Non-CPP Controls, ages 7-8	1230	622	322	161	68	39	21	10	7	3	2	1	1	0	0	0
Lupron Depot-Ped Exposed Children, ages 9-10	274	191	136	87	60	40	26	16	9	3	1	1	1	0	0	0
Matched Non-CPP Controls, ages 9-10	2740	1294	634	301	165	94	54	31	21	6	2	1	1	0	0	0

Figure 3. Kaplan Meier Survival Curves for Male Leuprolide Acetate Exposed Children Matched with Central Precocious Puberty (CPP) Controls, Major Fracture, Overall



	0	365	730	1095	1460	1825	2190	2555	2920	3285	3650	4015	4380	4745	5110	5475	5840	6205
Lupron Depot-Ped Exposed Children	432	304	217	135	82	49	31	18	13	2	1	1	1	0	0	0	0	0
Matched CPP Controls	3474	1708	866	377	183	89	50	31	22	4	2	2	2	0	0	0	0	0

Figure 4. Kaplan Meier Survival Curves for Male Leuprolide Acetate Exposed Children Matched with Central Precocious Puberty (CPP) Controls, Major Fracture, by Age Group



- Lupron Depot-Ped Exposed Children, ages 0-2
- - - Matched CPP Controls, ages 0-2
- Lupron Depot-Ped Exposed Children, ages 3-4
- - - Matched CPP Controls, ages 3-4
- Lupron Depot-Ped Exposed Children, ages 5-6
- - - Matched CPP Controls, ages 5-6
- Lupron Depot-Ped Exposed Children, ages 7-8
- - - Matched CPP Controls, ages 7-8
- Lupron Depot-Ped Exposed Children, ages 9-10
- - - Matched CPP Controls, ages 9-10

Lupron Depot-Ped Exposed Children, ages 0-2	9	5	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0
Matched CPP Controls, ages 0-2	31	13	8	6	4	0	0	0	0	0	0	0	0	0	0	0	0
Lupron Depot-Ped Exposed Children, ages 3-4	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Matched CPP Controls, ages 3-4	17	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lupron Depot-Ped Exposed Children, ages 5-6	25	19	12	7	4	3	1	0	0	0	0	0	0	0	0	0	0
Matched CPP Controls, ages 5-6	204	118	51	22	9	6	2	1	0	0	0	0	0	0	0	0	0
Lupron Depot-Ped Exposed Children, ages 7-8	120	90	69	44	24	15	8	5	3	1	1	1	1	0	0	0	0
Matched CPP Controls, ages 7-8	967	500	275	120	60	29	17	10	7	2	2	2	2	0	0	0	0
Lupron Depot-Ped Exposed Children, ages 9-10	273	188	133	81	51	31	22	13	10	1	0	0	0	0	0	0	0
Matched CPP Controls, ages 9-10	2255	1071	532	229	110	54	31	20	15	2	0	0	0	0	0	0	0

Appendix A. Dates of Available Data for Each Data Partner (DP) in the Sentinel Distributed Database (SDD) as of Request Distribution Date (April 27, 2021)

Data Partner ID	Start Date²	End Date²
DP01	01/01/2005	09/30/2017
DP02	01/01/2000	07/31/2017
DP03	01/01/2000	06/30/2018
DP04	01/01/2000	12/31/2017
DP05	01/01/2004	08/31/2018
DP06	06/01/2007	07/31/2018
DP07 ¹	01/01/2000	12/31/2017
DP08	01/01/2000	03/31/2018
DP09	01/01/2008	06/30/2018
DP10	01/01/2008	12/31/2017
DP11	01/01/2006	05/31/2018

¹DP07 and DP10 did not contribute to the results for top diagnoses and top prescription medications

²The start and end dates are based on the minimum and maximum dates within each DP. The month with the maximum date must have at least 80% of the number of records in the previous month.

Appendix B. List of Generic and Brand Names of Products Used to Define the Exposure in this Request

Generic Name	Brand Name
LEUPROLIDE ACETATE	Lupron Depot-Ped
LEUPROLIDE ACETATE	Lupron Depot-Ped (3 month)

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Exposures and Comparators in this Request

Code	Description	Code Category	Code Type
Leuprolide Acetate			
C9430	Leuprolide acetate, per 1 mg, brand name	Procedure	HCPCS
J1950	Injection, leuprolide acetate (for depot suspension), per 3.75 mg	Procedure	HCPCS
J9217	Leuprolide acetate (for depot suspension), 7.5 mg	Procedure	HCPCS
J9218	Leuprolide acetate, per 1 mg	Procedure	HCPCS
Well Child Visit			
99381	Initial comprehensive preventive medicine evaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, new patient; infant (age younger than 1 year)	Procedure	CPT-4
99382	Initial comprehensive preventive medicine evaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, new patient; early childhood (age 1 through 4 years)	Procedure	CPT-4
99383	Initial comprehensive preventive medicine evaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, new patient; late childhood (age 5 through 11 years)	Procedure	CPT-4
99384	Initial comprehensive preventive medicine evaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, new patient; adolescent (age 12 through 17 years)	Procedure	CPT-4
99385	Initial comprehensive preventive medicine evaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, new patient; 18-39 years	Procedure	CPT-4
99391	Periodic comprehensive preventive medicine reevaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, established patient; infant (age younger than 1 year)	Procedure	CPT-4
99392	Periodic comprehensive preventive medicine reevaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, established patient; early childhood (age 1 through 4 years)	Procedure	CPT-4

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Exposures and Comparators in this Request

Code	Description	Code Category	Code Type
99393	Periodic comprehensive preventive medicine reevaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, established patient; late childhood (age 5 through 11 years)	Procedure	CPT-4
99394	Periodic comprehensive preventive medicine reevaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, established patient; adolescent (age 12 through 17 years)	Procedure	CPT-4
99395	Periodic comprehensive preventive medicine reevaluation and management of an individual including an age and gender appropriate history, examination, counseling/anticipatory guidance/risk factor reduction interventions, and the ordering of laboratory/diagnostic procedures, established patient; 18-39 years	Procedure	CPT-4
V20.2	Routine infant or child health check	Diagnosis	ICD-9-CM
Z00.121	Encounter for routine child health examination with abnormal findings	Diagnosis	ICD-10-CM
Z00.129	Encounter for routine child health examination without abnormal findings	Diagnosis	ICD-10-CM
Central Precocious Puberty			
259.1	Precocious sexual development and puberty, not elsewhere classified	Diagnosis	ICD-9-CM
E30.1	Precocious puberty	Diagnosis	ICD-10-CM
E30.8	Other disorders of puberty	Diagnosis	ICD-10-CM
E22.8	Other hyperfunction of pituitary gland	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
Central Precocious Puberty			
259.1	Precocious sexual development and puberty, not elsewhere classified	Diagnosis	ICD-9-CM
E30.1	Precocious puberty	Diagnosis	ICD-10-CM
E30.8	Other disorders of puberty	Diagnosis	ICD-10-CM
E22.8	Other hyperfunction of pituitary gland	Diagnosis	ICD-10-CM
Leuprolide Acetate			
C9430	Leuprolide acetate, per 1 mg, brand name	Procedure	HCPCS
J1950	Injection, leuprolide acetate (for depot suspension), per 3.75 mg	Procedure	HCPCS
J9217	Leuprolide acetate (for depot suspension), 7.5 mg	Procedure	HCPCS
J9218	Leuprolide acetate, per 1 mg	Procedure	HCPCS
Osteogenesis Imperfecta			
756.51	Osteogenesis imperfecta	Diagnosis	ICD-9-CM
Q78.0	Osteogenesis imperfecta	Diagnosis	ICD-10-CM
Non-Lupron Depot PED Long-Acting Gonadotropin-Releasing Hormone (GnRH) Agonists			
C9016	Injection, triptorelin extended release, 3.75 mg	Procedure	HCPCS
J3315	Injection, triptorelin pamoate, 3.75 mg	Procedure	HCPCS
S0133	Histrelin, implant, 50 mg	Procedure	HCPCS
J9226	Histrelin implant (Supprelin LA), 50 mg	Procedure	HCPCS
J9225	Histrelin implant (Vantas), 50 mg	Procedure	HCPCS
J9202	Goserelin acetate implant, per 3.6 mg	Procedure	HCPCS
J9219	Leuprolide acetate implant, 65 mg	Procedure	HCPCS
S9560	Home injectable therapy; hormonal therapy (e.g., leuprolide, goserelin), including administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	Procedure	HCPCS
All Long-Acting GnRH Agonists			
C9016	Injection, triptorelin extended release, 3.75 mg	Procedure	HCPCS
J3315	Injection, triptorelin pamoate, 3.75 mg	Procedure	HCPCS
S0133	Histrelin, implant, 50 mg	Procedure	HCPCS
J9226	Histrelin implant (Supprelin LA), 50 mg	Procedure	HCPCS
J9225	Histrelin implant (Vantas), 50 mg	Procedure	HCPCS
J9202	Goserelin acetate implant, per 3.6 mg	Procedure	HCPCS
J9219	Leuprolide acetate implant, 65 mg	Procedure	HCPCS
S9560	Home injectable therapy; hormonal therapy (e.g., leuprolide, goserelin), including administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	Procedure	HCPCS
J1675	Injection, histrelin acetate, 10 mcg	Procedure	HCPCS
Q2020	Injection, histrelin acetate, 10 mcg	Procedure	HCPCS
C9435	Injection, gonadorelin HCl, brand name, per 100 mcg	Procedure	HCPCS

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
J1620	Injection, gonadorelin HCl, per 100 mcg	Procedure	HCPCS
Drugs that Affect Bone Density			
Anticoagulants			
C9107	INJ TINZAPARIN NAIUM PER 2ML VIAL	Procedure	HCPCS
J0884	INJ ARGATROBN 1 MG ESRD ON DIALYSIS	Procedure	HCPCS
J0883	INJ ARGATROBAN 1 MG NON-ESRD USE	Procedure	HCPCS
C9121	INJECTION ARGATROBAN PER 5 MG	Procedure	HCPCS
J0583	INJECTION BIVALIRUDIN 1 MG	Procedure	HCPCS
C9111	INJECTION BIVALIRUDIN 250 MG-VIAL	Procedure	HCPCS
J1645	INJ DALTEPARIN SODIUM PER 2500 IU	Procedure	HCPCS
J1650	INJECTION ENOXAPARIN SODIUM 10 MG	Procedure	HCPCS
J1652	INJ FONDAPARINUX SODIUM 0.5 MG	Procedure	HCPCS
J1642	INJECTION HEPARIN SODIUM 10 UNITS	Procedure	HCPCS
J1644	INJ HEPARIN SODIUM PER 1000 UNITS	Procedure	HCPCS
J1945	INJECTION LEPIRUDIN 50 MG	Procedure	HCPCS
Q2021	INJECTION LEPIRUDIN 50 MG	Procedure	HCPCS
J1655	INJECTION TINZAPARIN SODIUM 1000 IU	Procedure	HCPCS
G8967	WARFARIN/ANR FDA APRV ORAL AC PRESC	Procedure	HCPCS
Bisphosphonates			
J1436	INJ ETIDRONATE DISODIUM PER 300 MG	Procedure	HCPCS
J1740	INJECTION IBANDRONATE SODIUM 1 MG	Procedure	HCPCS
C9229	INJ BANDRONATE SODIUM PER 1 MG	Procedure	HCPCS
J2430	INJ PAMIDRONATE DISODIUM PER 30 MG	Procedure	HCPCS
C9411	INJ PAMIDRONATE DISODUM 30 MG BRAND	Procedure	HCPCS
J3489	INJECTION ZOLEDRONIC ACID 1 MG	Procedure	HCPCS
Q2051	INJECTION ZOLEDRONIC ACID NOS 1 MG	Procedure	HCPCS
C9115	INJECTION ZOLEDRONIC ACID PER 2 MG	Procedure	HCPCS
Q4095	INJ ZOLEDRONIC ACID RECLAST 1 MG	Procedure	HCPCS
J3488	INJ ZOLEDRONICCID RECLAST 1 MG	Procedure	HCPCS
J3487	INJECTION ZOLEDRONICCID ZOMETA 1 MG	Procedure	HCPCS
Anti-Epileptic Drugs			
Q2009	INJ FOSPHENYTOIN 50 MG PHENYTOIN EQ	Procedure	HCPCS
J3360	INJECTION DIAZEPAM UP TO 5 MG	Procedure	HCPCS
S0078	INJ FOSPHENYTOIN SODIUM 750 MG	Procedure	HCPCS
C9254	INJECTION LACOSAMIDE 1 MG	Procedure	HCPCS
C9238	INJECTION LEVETIRACETAM 10 MG	Procedure	HCPCS
J1953	INJECTION LEVETIRACETAM 10 MG	Procedure	HCPCS
J2560	INJ PHENOBARBITAL SODIUM TO 120 MG	Procedure	HCPCS
J1165	INJ PHENYTOIN SODIUM PER 50 MG	Procedure	HCPCS
Corticosteroids			

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
J7624	BETAMETHASONE INHAL CP UNIT PER MG	Procedure	HCPCS
J7634	BUDESONIDE INHAL CP DME 0.25 MG	Procedure	HCPCS
J7627	BUDESONIDE INHAL CP UNIT TO 0.5 MG	Procedure	HCPCS
J7633	BUDESONIDE INHAL NON-CP CNC 0.25 MG	Procedure	HCPCS
J7626	BUDESONIDE INHAL NON-CP U TO 0.5 MG	Procedure	HCPCS
K0512	DEX INHAL SOL ADMIN THRU DME CONCEN	Procedure	HCPCS
K0513	DEX INHAL SOL ADMIN THRU DME U DOSE	Procedure	HCPCS
J7637	DEXAMETHASONE INHAL CP CONC PER MG	Procedure	HCPCS
J7638	DEXAMETHASONE INHAL CP UNIT PER MG	Procedure	HCPCS
J8540	DEXAMETHASONE ORAL 0.25 MG	Procedure	HCPCS
S0173	DEXAMETHASONE ORAL 4 MG	Procedure	HCPCS
J7641	FLUNISOLIDE INHAL COMP UNIT PER MG	Procedure	HCPCS
J0702	INJ BETAMETHASONE AC & PHOS 3 MG	Procedure	HCPCS
C9256	INJ DEXAMETH INTRAVITRL IMPL 0.1 MG	Procedure	HCPCS
J1710	INJ HYDROCORTISON SOD PHOS TO 50 MG	Procedure	HCPCS
J1720	INJ HYDROCORTSON SOD SUCC TO 100 MG	Procedure	HCPCS
J2930	INJ METHYLPRDNISLN SODIM TO 125 MG	Procedure	HCPCS
J2920	INJ METHYLPRDNISOLON SODIM TO 40 MG	Procedure	HCPCS
J2640	INJ PREDNISOLONE SODIUM PHOSPHATE T	Procedure	HCPCS
C9469	INJ TAA PF EXT-REL MS F 1 MG	Procedure	HCPCS
J3300	INJ TRIAMCINOLONE ACETONIDE PF 1 MG	Procedure	HCPCS
J0704	INJ BETAMETHSONE SODIM PHOSHAT-4 MG	Procedure	HCPCS
J1094	INJECTION DEXAMETHASONE ACTAT 1 MG	Procedure	HCPCS
J7312	INJ DEXAMETH INTRAVIT IMPL 0.1 MG	Procedure	HCPCS
J1100	INJ DEXMETHOSON SODIM PHOSHATE 1 MG	Procedure	HCPCS
J1700	INJ HYDROCORTISONE ACTAT TO 25 MG	Procedure	HCPCS
J1020	INJ METHYLPRDNISOLONE ACTAT 20 MG	Procedure	HCPCS
J1030	INJ METHYLPRDNISOLONE ACTAT 40 MG	Procedure	HCPCS
J1040	INJ METHYLPRDNISOLONE ACTAT 80 MG	Procedure	HCPCS
J2650	INJ PREDNISOLONE ACETATE TO 1 ML	Procedure	HCPCS
J3301	INJ TRIAMCINOLON ACETONID NOS 10 MG	Procedure	HCPCS
J3302	INJ TRIAMCINOLONE DIACTAT 5 MG	Procedure	HCPCS
J3303	INJ TRIAMCINOLONE HEXACETONIDE 5 MG	Procedure	HCPCS
J1095	INJECTION, DEXAMETHASONE ACETATE, P	Procedure	HCPCS
J1690	INJ PREDNISOLONE TEBUTATE TO 20 MG	Procedure	HCPCS
J7509	METHYLPREDNISOLONE ORAL PER 4 MG	Procedure	HCPCS
S1090	MOMETASONE FUROATE SS IMPL 370 MCG	Procedure	HCPCS
4193F	PT RCV <10MG DAILY PREDNISO	Procedure	CPT-4
4194F	PT RCV =>10MG DAILY PREDNISO	Procedure	CPT-4
J7510	PREDNISOLONE ORAL PER 5 MG	Procedure	HCPCS

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
J7512	PDN IMMED RLSE/DELAY RLSE ORAL 1 MG	Procedure	HCPCS
J7506	PREDNISON ORAL PER 5 MG	Procedure	HCPCS
J7683	TRIAMCINOLONE INHAL CP CONC PER MG	Procedure	HCPCS
J7684	TRIAMCINOLONE INHAL CP UNIT PER MG	Procedure	HCPCS
K0527	TRIAMCINOLONE INHAL SOL ADMIN THRU	Procedure	HCPCS
K0528	TRIAMCINOLONE INHAL SOL VIA DME U D	Procedure	HCPCS
Chemotherapy			
S0170	ANASTROZOLE ORAL 1 MG	Procedure	HCPCS
S0116	BEVACIZUMAB 100 MG	Procedure	HCPCS
C9417	BLEOMYCIN SULFATE 15 UNITS BRAND	Procedure	HCPCS
S0115	BORTEZOMIB 3.5 MG	Procedure	HCPCS
J8510	BUSULFAN ORAL 2 MG	Procedure	HCPCS
J8520	CAPECITABINE ORAL 150 MG	Procedure	HCPCS
J8521	CAPECITABINE ORAL 500 MG	Procedure	HCPCS
C9437	CARMUSTINE BRAND NAME 100 MG	Procedure	HCPCS
S0172	CHLORAMBUCIL ORAL 2 MG	Procedure	HCPCS
J9062	CISPLATIN 50 MG	Procedure	HCPCS
C9418	CISPLATIN POWDR/SOL PER 10 MG BRAND	Procedure	HCPCS
J7632	CROMOLYN NA I SOL CP PROD UD 10 MG	Procedure	HCPCS
K0511	CROMOLYN SODIUM INHAL SOL VIA DME U	Procedure	HCPCS
J7631	CROMOLYN NA I SOL NONCP UD P 10 MG	Procedure	HCPCS
J7630	CROMOLYN SODIUM PER 20MG	Procedure	HCPCS
J9091	CYCLOPHOSPHAMIDE 1 G	Procedure	HCPCS
J9070	CYCLOPHOSPHAMIDE 100 MG	Procedure	HCPCS
C9420	CYCLOPHOSPHAMIDE 100 MG BRAND NAME	Procedure	HCPCS
J9092	CYCLOPHOSPHAMIDE 2 G	Procedure	HCPCS
J9080	CYCLOPHOSPHAMIDE 200 MG	Procedure	HCPCS
J9090	CYCLOPHOSPHAMIDE 500 MG	Procedure	HCPCS
J9096	CYCLOPHOSPHAMIDE LYOPHILIZED 1 G	Procedure	HCPCS
J9093	CYCLOPHOSPHAMIDE LYOPHILIZED 100 MG	Procedure	HCPCS
C9421	CYCLOPHOSPHAMIDE LYO 100 MG BRAND	Procedure	HCPCS
J9097	CYCLOPHOSPHAMIDE LYOPHILIZED 2 G	Procedure	HCPCS
J9094	CYCLOPHOSPHAMIDE LYOPHILIZED 200 MG	Procedure	HCPCS
J9095	CYCLOPHOSPHAMIDE LYOPHILIZED 500 MG	Procedure	HCPCS
J8530	CYCLOPHOSHAMIDE ORAL 25 MG	Procedure	HCPCS
C9422	CYTARABINE 100 MG BRAND NAME	Procedure	HCPCS
J9130	DACARBAZINE 100 MG	Procedure	HCPCS
C9423	DACARBAZINE 100 MG BRAND NAME	Procedure	HCPCS
J9140	DACARBAZINE 200 MG	Procedure	HCPCS
C1084	DENILEUKIN DIFTITOX 300 MCG ONTAK I	Procedure	HCPCS

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
C9439	DES-DP BRAND NAME 250 MG	Procedure	HCPCS
C9415	DOXORUBICIN HCL 10 MG BRAND NAME	Procedure	HCPCS
J9180	EPIRUBICIN HYDROCHLORIDE 50 MG	Procedure	HCPCS
C9425	ETOPOSIDE 10 MG BRAND NAME	Procedure	HCPCS
J9182	ETOPOSIDE 100 MG	Procedure	HCPCS
J8560	ETOPOSIDE ORAL 50 MG	Procedure	HCPCS
C9414	ETOPOSIDE ORAL 50 MG BRAND NAME	Procedure	HCPCS
J7527	EVEROLIMUS ORAL 0. 25 MG	Procedure	HCPCS
J8561	EVEROLIMUS ORAL 0.25 MG	Procedure	HCPCS
S0156	EXEMESTANE 25 MG	Procedure	HCPCS
C9426	FLOXURIDINE 500 MG BRAND NAME	Procedure	HCPCS
C9262	FLUDARABINE PHOSPHATE ORAL 1 MG	Procedure	HCPCS
Q2025	FLUDARABINE PHOSPHATE ORAL 1 MG	Procedure	HCPCS
J8562	FLUDARABINE PHOSPHATE ORAL 10 MG	Procedure	HCPCS
S0175	FLUTAMIDE ORAL 125 MG	Procedure	HCPCS
J8565	GEFITINIB ORAL 250 MG	Procedure	HCPCS
S0176	HYDROXYUREA ORAL 500 MG	Procedure	HCPCS
C9429	IDARUBICIN HCL 5 MG BRAND NAME	Procedure	HCPCS
C9427	IFISFANUDE 1 GM BRAND NAME	Procedure	HCPCS
C9216	INJ ABARELIX INJ SUSP PER 10 MG	Procedure	HCPCS
J9354	INJ ADO-TRASTUZUMAB EMTANSINE 1 MG	Procedure	HCPCS
C9110	INJ ALEMTUZUMAB, PER 10 MG/ ML	Procedure	HCPCS
C9289	INJ ASPARAGINASE ECH 1000 IU	Procedure	HCPCS
J9151	INJ DAUNORUBICIN CITRATE LIP 10 MG	Procedure	HCPCS
J9001	INJ DOXORUBICIN HCL LIPID 10 MG	Procedure	HCPCS
C9004	INJ GEMTUZUMAB OZOGAMICIN PER 5 MG	Procedure	HCPCS
J1055	INJ MDRXYPRGESTRON CNTRACPT 150 MG	Procedure	HCPCS
J1056	INJ MDRXYPRGESTRON/ESTRDIOL 5/25MG	Procedure	HCPCS
C9127	INJ PACLITAXEL PROTEIN BOUND 1 MG	Procedure	HCPCS
C9235	INJ PANITUMUMAB 10 MG	Procedure	HCPCS
J9325	INJ T-VEC PER 1 M PLAQUE FORM UNITS	Procedure	HCPCS
J0128	INJECTION ABARELIX 10 MG	Procedure	HCPCS
S0165	INJECTION ABARELIX 100 MG	Procedure	HCPCS
C9131	INJ ADO-TRASTUZUMAB EMTANSINE 1 MG	Procedure	HCPCS
J9015	INJ ALDESLEUKIN PER SINGLE USE VIAL	Procedure	HCPCS
J0202	INJECTION ALEMTUZUMAB 1 MG	Procedure	HCPCS
Q9979	INJECTION ALEMTUZUMAB 1 MG	Procedure	HCPCS
J9010	INJECTION ALEMTUZUMAB 10 MG	Procedure	HCPCS
S0087	INJECTION ALEMTUZUMAB 30 MG	Procedure	HCPCS
J9017	INJECTION ARSENIC TRIOXIDE 1 MG	Procedure	HCPCS

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
C9012	INJECTION ARSENIC TRIOXIDE-1 MG/KG	Procedure	HCPCS
J9020	INJECTION ASPARAGINASE 10000 UNITS	Procedure	HCPCS
J9019	INJ ASPARAGINASE ERWINAZE 1000 IU	Procedure	HCPCS
C9483	INJECTION ATEZOLIZUMAB 10 MG	Procedure	HCPCS
J9022	INJECTION ATEZOLIZUMAB 10 MG	Procedure	HCPCS
C9491	INJECTION AVELUMAB 10 MG	Procedure	HCPCS
J9023	INJECTION AVELUMAB 10 MG	Procedure	HCPCS
J9025	INJECTION AZACITIDINE 1 MG	Procedure	HCPCS
S0168	INJECTION AZACITIDINE 100 MG	Procedure	HCPCS
C9218	INJECTION AZACITIDINE PER 1 MG	Procedure	HCPCS
C9442	INJECTION BELINOSTAT 10 MG	Procedure	HCPCS
J9032	INJECTION BELINOSTAT 10 MG	Procedure	HCPCS
C9243	INJECTION BENDAMUSTINE HCL 1 MG	Procedure	HCPCS
J9034	INJ BENDAMUSTINE HCL BENDEKA 1 MG	Procedure	HCPCS
J9033	INJ BENDAMUSTINE HCL TREANDA 1 MG	Procedure	HCPCS
C9257	INJECTION BEVACIZUMAB 0.25 MG	Procedure	HCPCS
Q2024	INJECTION BEVACIZUMAB 0.25 MG	Procedure	HCPCS
J9035	INJECTION BEVACIZUMAB 10 MG	Procedure	HCPCS
C9214	INJECTION BEVACIZUMAB PER 10 MG	Procedure	HCPCS
J9040	INJECTION BLEOMYCIN SULFATE 15 UNIT	Procedure	HCPCS
C9449	INJECTION BLINATUMOMAB 1 MCG	Procedure	HCPCS
J9039	INJECTION BLINATUMOMAB 1 MICROGRAM	Procedure	HCPCS
J9041	INJECTION BORTEZOMIB 0.1 MG	Procedure	HCPCS
C9207	INJECTION BORTEZOMIB PER 3.5 MG	Procedure	HCPCS
C9287	INJECTION BRENTUXIMAB VEDOTIN 1 MG	Procedure	HCPCS
J9042	INJECTION BRENTUXIMAB VEDOTIN 1 MG	Procedure	HCPCS
J0594	INJECTION BUSULFAN 1 MG	Procedure	HCPCS
C1178	INJECTION BUSULFAN PER 6 MG	Procedure	HCPCS
C9276	INJECTION CABAZITAXEL 1 MG	Procedure	HCPCS
J9043	INJECTION CABAZITAXEL 1 MG	Procedure	HCPCS
J9045	INJECTION CARBOPLATIN 50 MG	Procedure	HCPCS
C9295	INJECTION CARFILZOMIB 1 MG	Procedure	HCPCS
J9047	INJECTION CARFILZOMIB 1 MG	Procedure	HCPCS
J9050	INJECTION CARMUSTINE 100 MG	Procedure	HCPCS
J9055	INJECTION CETUXIMAB 10 MG	Procedure	HCPCS
C9215	INJECTION CETUXIMAB PER 10 MG	Procedure	HCPCS
J9060	INJ CISPLATIN POWDER/SOLUTION 10 MG	Procedure	HCPCS
J9065	INJECTION CLADRIBINE PER 1 MG	Procedure	HCPCS
C9419	INJECTION CLADRIBINE PER 1 MG BRAND	Procedure	HCPCS
J9027	INJECTION CLOFARABINE 1 MG	Procedure	HCPCS

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
C9129	INJECTION CLOFARABINE PER 1 MG	Procedure	HCPCS
J9100	INJECTION CYTARABINE 100 MG	Procedure	HCPCS
J9110	INJECTION CYTARABINE 500 MG	Procedure	HCPCS
J9098	INJECTION CYTARABINE LIPOSOME 10 MG	Procedure	HCPCS
C1166	INJECTION CYTRABIN LIPOSOME-10 MG	Procedure	HCPCS
J9120	INJECTION DACTINOMYCIN 0.5 MG	Procedure	HCPCS
C9476	INJECTION DARATUMUMAB 10 MG	Procedure	HCPCS
J9145	INJECTION DARATUMUMAB 10 MG	Procedure	HCPCS
J0894	INJECTION DECITABINE 1 MG	Procedure	HCPCS
C9231	INJECTION DECITABINE PER 1 MG	Procedure	HCPCS
J9160	INJ DENILEUKIN DIFTITOX 300 MCG	Procedure	HCPCS
J9165	INJ DIETHYLSTILBESTROL 250 MG	Procedure	HCPCS
J9171	INJECTION DOCETAXEL 1 MG	Procedure	HCPCS
J9170	INJECTION DOCETAXEL 20 MG	Procedure	HCPCS
J9000	INJECTION DOXORUBICIN HCL 10 MG	Procedure	HCPCS
C9492	INJECTION DURVALUMAB 10 MG	Procedure	HCPCS
C9477	INJECTION ELOTUZUMAB 1 MG	Procedure	HCPCS
J9176	INJECTION ELOTUZUMAB 1 MG	Procedure	HCPCS
J9178	INJECTION EPIRUBICIN HCL 2 MG	Procedure	HCPCS
C1167	INJ EPIRUBICIN HYDROCHLORID 2 MG	Procedure	HCPCS
J9179	INJECTION ERIBULIN MESYLATE 0.1 MG	Procedure	HCPCS
C9280	INJECTION ERIBULIN MESYLATE 1 MG	Procedure	HCPCS
J9181	INJECTION ETOPOSIDE 10 MG	Procedure	HCPCS
J9200	INJECTION FLOXURIDINE 500 MG	Procedure	HCPCS
J9185	INJ FLUDARABINE PHOSPHATE 50 MG	Procedure	HCPCS
J9190	INJECTION FLUOROURACIL 500 MG	Procedure	HCPCS
J9395	INJECTION FULVESTRANT 25 MG	Procedure	HCPCS
C9120	INJECTION FULVESTRANT PER 50 MG	Procedure	HCPCS
J9201	INJECTION GEMCITABINE HCL 200 MG	Procedure	HCPCS
J9203	INJ GEMTUZUMAB OZOGAMICIN 0.1 MG	Procedure	HCPCS
J9300	INJ GEMTUZUMAB OZOGAMICIN 5 MG	Procedure	HCPCS
Q2020	INJECTION HISTRELIN ACETATE 10 MCG	Procedure	HCPCS
J1675	INJ HISTRELIN ACTAT 10 MICROGMS	Procedure	HCPCS
J9211	INJECTION IDARUBICIN HCL 5 MG	Procedure	HCPCS
J9208	INJECTION IFOSFAMIDE 1 G	Procedure	HCPCS
C9028	INJ INOTUZUMAB OZOGAMICIN 0.1 MG	Procedure	HCPCS
J9213	INJ INTERFERON ALFA-2A RECOM 3 M U	Procedure	HCPCS
J9214	INJ INTERFERON ALFA-2B RECOMB 1 M U	Procedure	HCPCS
C9284	INJECTION IPILIMUMAB 1 MG	Procedure	HCPCS
J9228	INJECTION IPILIMUMAB 1 MG	Procedure	HCPCS

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
C9240	INJECTION IXABEPILONE 1 MG	Procedure	HCPCS
J9207	INJECTION IXABEPILONE 1 MG	Procedure	HCPCS
C9024	INJ LIP 1 MG DNR & 2.27 MG CY	Procedure	HCPCS
J9230	INJECTION MECHLORETHAMINE HCL 10 MG	Procedure	HCPCS
J1050	INJ MEDROXYPROGESTERNE ACETATE 1 MG	Procedure	HCPCS
J1051	INJ MDRXYPRGESTRON ACTAT 50 MG	Procedure	HCPCS
J9245	INJECTION MELPHALAN HCL 50 MG	Procedure	HCPCS
J9280	INJECTION MITOMYCIN 5 MG	Procedure	HCPCS
J9293	INJECTION MITOXANTRONE HCL PER 5 MG	Procedure	HCPCS
C9475	INJECTION NECITUMUMAB 1 MG	Procedure	HCPCS
J9295	INJECTION NECITUMUMAB 1 MG	Procedure	HCPCS
J9261	INJECTION NELARABINE 50 MG	Procedure	HCPCS
C9453	INJECTION NIVOLUMAB 1 MG	Procedure	HCPCS
J9299	INJECTION NIVOLUMAB 1 MG	Procedure	HCPCS
C9021	INJECTION OBINUTUZUMAB 10 MG	Procedure	HCPCS
J9301	INJECTION OBINUTUZUMAB 10 MG	Procedure	HCPCS
C9260	INJECTION OFATUMUMAB 10 MG	Procedure	HCPCS
J9302	INJECTION OFATUMUMAB 10 MG	Procedure	HCPCS
C9485	INJECTION OLARATUMAB 10 MG	Procedure	HCPCS
J9285	INJECTION OLARATUMAB 10 MG	Procedure	HCPCS
J9262	INJ OMACETAXINE MEPESUCCINAT .01 MG	Procedure	HCPCS
C9297	INJ OMACETAZN MEPESUCCINATE 0.01 MG	Procedure	HCPCS
J9263	INJECTION OXALIPLATIN 0.5 MG	Procedure	HCPCS
J9267	INJECTION PACLITAXEL 1 MG	Procedure	HCPCS
J9265	INJECTION PACLITAXEL 30 MG	Procedure	HCPCS
J9264	INJ PACLITAXEL PROTBND PARTICL 1 MG	Procedure	HCPCS
J9303	INJECTION PANITUMUMAB 10 MG	Procedure	HCPCS
J9266	INJ PEGASPARGASE SINGLE DOSE VIAL	Procedure	HCPCS
C9027	INJECTION PEMBROLIZUMAB 1 MG	Procedure	HCPCS
J9271	INJECTION PEMBROLIZUMAB 1 MG	Procedure	HCPCS
J9268	INJECTION PENTOSTATIN 10 MG	Procedure	HCPCS
J9306	INJECTION PERTUZUMAB 1 MG	Procedure	HCPCS
C9292	INJECTION PERTUZUMAB 10 MG	Procedure	HCPCS
J9270	INJECTION PLICAMYCIN 2.5 MG	Procedure	HCPCS
J9600	INJECTION PORFIMER SODIUM 75 MG	Procedure	HCPCS
C9259	INJECTION PRALATREXATE 1 MG	Procedure	HCPCS
J9307	INJECTION PRALATREXATE 1 MG	Procedure	HCPCS
C9025	INJECTION RAMUCIRUMAB 5 MG	Procedure	HCPCS
J9308	INJECTION RAMUCIRUMAB 5 MG	Procedure	HCPCS
J9310	INJECTION RITUXIMAB 100 MG	Procedure	HCPCS

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
C9467	INJ RITUXIMAB & HYALURONIDASE 10 MG	Procedure	HCPCS
C9265	INJECTION ROMIDEPSIN 1 MG	Procedure	HCPCS
J9315	INJECTION ROMIDEPSIN 1 MG	Procedure	HCPCS
C9455	INJECTION SILTUXIMAB 10 MG	Procedure	HCPCS
J2860	INJECTION SILTUXIMAB 10 MG	Procedure	HCPCS
J9320	INJECTION STREPTOZOCIN 1 G	Procedure	HCPCS
C9472	INJ TALIMOGEN LAHERPAREPVEC 1 M PFU	Procedure	HCPCS
J9328	INJECTION TEMOZOLOMIDE 1 MG	Procedure	HCPCS
C9253	INJECTION TEMOZOLOMIDE 1MG	Procedure	HCPCS
C9239	INJECTION TEMSIROLIMUS 1 MG	Procedure	HCPCS
J9330	INJECTION TEMSIROLIMUS 1 MG	Procedure	HCPCS
Q2017	INJECTION TENIPOSIDE 50 MG	Procedure	HCPCS
J9340	INJECTION THIOTEPA 15 MG	Procedure	HCPCS
C9480	INJECTION TRABECTEDIN 0.1 MG	Procedure	HCPCS
J9352	INJECTION TRABECTEDIN 0.1 MG	Procedure	HCPCS
J9355	INJECTION TRASTUZUMAB 10 MG	Procedure	HCPCS
J3315	INJ TRIPTORELIN PAMOATE 3.75 MG	Procedure	HCPCS
J9357	INJ VALRUBICIN INTRAVESICAL 200 MG	Procedure	HCPCS
J9360	INJECTION VINBLASTINE SULFATE 1 MG	Procedure	HCPCS
J9371	INJ VINCRISTINE SULF LIPOSOME 1 MG	Procedure	HCPCS
J9390	INJ VINOURELBINE TARTRATE 10 MG	Procedure	HCPCS
C9296	INJECTION ZIV-AFLIBERCEPT 1 MG	Procedure	HCPCS
J9400	INJECTION ZIV-AFLIBERCEPT 1 MG	Procedure	HCPCS
J9219	LEUPROLIDE ACETATE IMPLANT 65 MG	Procedure	HCPCS
S0177	LEVAMISOLE HYDROCHLORIDE ORAL 50 MG	Procedure	HCPCS
S0178	LOMUSTINE ORAL 10 MG	Procedure	HCPCS
C9017	LOMUSTINE, 10 MG	Procedure	HCPCS
S0179	MEGESTROL ACETATE ORAL 20 MG	Procedure	HCPCS
J8600	MELPHALAN ORAL 2 MG	Procedure	HCPCS
S0108	MERCAPTOPURINE ORAL 50 MG	Procedure	HCPCS
J8610	METHOTREXATE ORAL 2.5 MG	Procedure	HCPCS
J9250	METHOTREXATE SODIUM 5 MG	Procedure	HCPCS
J9260	METHOTREXATE SODIUM 50 MG	Procedure	HCPCS
J9290	MITOMYCIN 20 MG	Procedure	HCPCS
J9291	MITOMYCIN 40 MG	Procedure	HCPCS
C9432	MITOMYCIN 5 MG BRAND NAME	Procedure	HCPCS
J7315	MITOMYCIN OPHTHALMIC 0.2 MG	Procedure	HCPCS
S1016	NON-PVC IV ADMN SET RX NOT STABLE	Procedure	HCPCS
C9205	OXALIPLATIN INJ OXALIPLATIN-5 MG	Procedure	HCPCS
C9431	PACLITAXEL 30 MG BRAND NAME	Procedure	HCPCS

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S0182	PROCARBAZINE HYDROCHLORD ORAL 50 MG	Procedure	HCPCS
A9604	SM-153 LEXIDRONAM TX TO 150 MCI	Procedure	HCPCS
A9605	SAMARIUM SM-153 LEXIDRONM TX 50 MCI	Procedure	HCPCS
C9401	SPL RP STRONTIUM-89 CL BRAND-MCI	Procedure	HCPCS
S0187	TAMOXIFEN CITRATE ORAL 10 MG	Procedure	HCPCS
C1086	TEMOZOLOMIDE 5 MG TEMODAR	Procedure	HCPCS
J8700	TEMOZOLOMIDE ORAL 5 MG	Procedure	HCPCS
C9433	THIOTEPA 15 MG BRAND NAME	Procedure	HCPCS
J9370	VINCRISTINE SULFATE 1 MG	Procedure	HCPCS
J9375	VINCRISTINE SULFATE 2 MG	Procedure	HCPCS
J9380	VINCRISTINE SULFATE 5 MG	Procedure	HCPCS
C9440	VINORELBINE TARTRATE BRAND 10 MG	Procedure	HCPCS
Cyclosporine			
J7502	CYCLOSPORINE ORAL 100 MG	Procedure	HCPCS
C9438	CYCLOSPORINE ORAL 100 MG BRAND NAME	Procedure	HCPCS
J7515	CYCLOSPORINE ORAL 25 MG	Procedure	HCPCS
J7516	CYCLOSPORINE PARENTERAL 250 MG	Procedure	HCPCS
K0122	CYCLOSPORINE, PARENTERAL, 250 MG	Procedure	HCPCS
Medroxyprogesterone			
J1055	INJ MDRXYPRGESTRON CNTRACPT 150 MG	Procedure	HCPCS
J1056	INJ MDRXYPRGESTRON/ESTRDIOL 5/25MG	Procedure	HCPCS
J1050	INJ MEDROXYPROGESTERNE ACETATE 1 MG	Procedure	HCPCS
J1051	INJ MDRXYPRGESTRON ACTAT 50 MG	Procedure	HCPCS
Loop Diuretics			
S0171	INJECTION BUMETANIDE 0.5 MG	Procedure	HCPCS
J1940	INJECTION FUROSEMIDE UP TO 20 MG	Procedure	HCPCS
J3265	INJECTION TORSEMIDE 10 MG/ML	Procedure	HCPCS
Proton Pump Inhibitors			
S0164	INJECTION PANTOPRAZOLE SODIUM 40 MG	Procedure	HCPCS
C9113	INJECTION PANTOPRAZOLE SODIUM-VIAL	Procedure	HCPCS
Thiazide Diuretics			
J1205	INJ CHLOROTHIAZIDE SODIUM 500 MG	Procedure	HCPCS
Beta Blockers			
J1800	INJECTION PROPRANOLOL HCL TO 1 MG	Procedure	HCPCS
Gender Dysphoria			
259.9	Unspecified endocrine disorder	Diagnosis	ICD-9-CM
302.6	Gender identity disorder in children	Diagnosis	ICD-9-CM
302.85	Gender identity disorder in adolescents or adults	Diagnosis	ICD-9-CM
302.9	Unspecified psychosexual disorder	Diagnosis	ICD-9-CM
E34.9	Endocrine disorder, unspecified	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
F64.2	Gender identity disorder of childhood	Diagnosis	ICD-10-CM
F64.8	Other gender identity disorders	Diagnosis	ICD-10-CM
F64.9	Gender identity disorder, unspecified	Diagnosis	ICD-10-CM
Fractures			
733.1	Pathologic fracture	Diagnosis	ICD-9-CM
800	Fracture of vault of skull	Diagnosis	ICD-9-CM
800.0	Closed fracture of vault of skull without mention of intracranial injury	Diagnosis	ICD-9-CM
800.00	Closed fracture of vault of skull without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.01	Closed fracture of vault of skull without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
800.02	Closed fracture of vault of skull without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.03	Closed fracture of vault of skull without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.04	Closed fracture of vault of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.05	Closed fracture of vault of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.06	Closed fracture of vault of skull without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.09	Closed fracture of vault of skull without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
800.1	Closed fracture of vault of skull with cerebral laceration and contusion	Diagnosis	ICD-9-CM
800.10	Closed fracture of vault of skull with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.11	Closed fracture of vault of skull with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
800.12	Closed fracture of vault of skull with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.13	Closed fracture of vault of skull with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.14	Closed fracture of vault of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.15	Closed fracture of vault of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
800.16	Closed fracture of vault of skull with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.19	Closed fracture of vault of skull with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
800.2	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
800.20	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.21	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
800.22	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.23	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.24	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.25	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.26	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.29	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
800.3	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
800.30	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.31	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
800.32	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.33	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.34	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.35	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
800.36	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.39	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
800.4	Closed fracture of vault of skull with intercranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
800.40	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.41	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
800.42	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.43	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.44	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.45	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.46	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.49	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
800.5	Open fracture of vault of skull without mention of intracranial injury	Diagnosis	ICD-9-CM
800.50	Open fracture of vault of skull without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.51	Open fracture of vault of skull without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
800.52	Open fracture of vault of skull without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.53	Open fracture of vault of skull without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.54	Open fracture of vault of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.55	Open fracture of vault of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
800.56	Open fracture of vault of skull without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.59	Open fracture of vault of skull without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
800.6	Open fracture of vault of skull with cerebral laceration and contusion	Diagnosis	ICD-9-CM
800.60	Open fracture of vault of skull with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.61	Open fracture of vault of skull with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
800.62	Open fracture of vault of skull with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.63	Open fracture of vault of skull with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.64	Open fracture of vault of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.65	Open fracture of vault of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.66	Open fracture of vault of skull with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.69	Open fracture of vault of skull with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
800.7	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
800.70	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.71	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
800.72	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.73	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.74	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.75	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
800.76	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.79	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
800.8	Open fracture of vault of skull with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
800.80	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.81	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
800.82	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.83	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.84	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.85	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.86	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.89	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
800.9	Open fracture of vault of skull with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
800.90	Open fracture of vault of skull with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.91	Open fracture of vault of skull with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
800.92	Open fracture of vault of skull with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.93	Open fracture of vault of skull with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.94	Open fracture of vault of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.95	Open fracture of vault of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
800.96	Open fracture of vault of skull with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.99	Open fracture of vault of skull with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
801	Fracture of base of skull	Diagnosis	ICD-9-CM
801.0	Closed fracture of base of skull without mention of intracranial injury	Diagnosis	ICD-9-CM
801.00	Closed fracture of base of skull without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.01	Closed fracture of base of skull without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
801.02	Closed fracture of base of skull without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.03	Closed fracture of base of skull without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.04	Closed fracture of base of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.05	Closed fracture of base of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.06	Closed fracture of base of skull without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.09	Closed fracture of base of skull without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
801.1	Closed fracture of base of skull with cerebral laceration and contusion	Diagnosis	ICD-9-CM
801.10	Closed fracture of base of skull with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.11	Closed fracture of base of skull with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
801.12	Closed fracture of base of skull with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.13	Closed fracture of base of skull with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.14	Closed fracture of base of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.15	Closed fracture of base of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
801.16	Closed fracture of base of skull with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.19	Closed fracture of base of skull with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
801.2	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
801.20	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.21	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
801.22	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.23	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.24	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.25	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.26	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.29	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
801.3	Closed fracture of base of skull with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
801.30	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.31	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
801.32	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.33	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.34	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.35	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
801.36	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.39	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
801.4	Closed fracture of base of skull with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
801.40	Closed fracture of base of skull with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.41	Closed fracture of base of skull with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
801.42	Closed fracture of base of skull with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.43	Closed fracture of base of skull with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.44	Closed fracture of base of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.45	Closed fracture of base of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.46	Closed fracture of base of skull with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.49	Closed fracture of base of skull with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
801.5	Open fracture of base of skull without mention of intracranial injury	Diagnosis	ICD-9-CM
801.50	Open fracture of base of skull without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.51	Open fracture of base of skull without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
801.52	Open fracture of base of skull without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.53	Open fracture of base of skull without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.54	Open fracture of base of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.55	Open fracture of base of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
801.56	Open fracture of base of skull without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.59	Open fracture of base of skull without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
801.6	Open fracture of base of skull with cerebral laceration and contusion	Diagnosis	ICD-9-CM
801.60	Open fracture of base of skull with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.61	Open fracture of base of skull with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
801.62	Open fracture of base of skull with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.63	Open fracture of base of skull with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.64	Open fracture of base of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.65	Open fracture of base of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.66	Open fracture of base of skull with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.69	Open fracture of base of skull with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
801.7	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
801.70	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.71	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
801.72	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.73	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.74	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.75	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
801.76	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.79	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
801.8	Open fracture of base of skull with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
801.80	Open fracture of base of skull with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.81	Open fracture of base of skull with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
801.82	Open fracture of base of skull with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.83	Open fracture of base of skull with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.84	Open fracture of base of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.85	Open fracture of base of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.86	Open fracture of base of skull with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.89	Open fracture of base of skull with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
801.9	Open fracture of base of skull with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
801.90	Open fracture of base of skull with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.91	Open fracture of base of skull with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
801.92	Open fracture of base of skull with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.93	Open fracture of base of skull with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.94	Open fracture of base of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.95	Open fracture of base of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
801.96	Open fracture of base of skull with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.99	Open fracture of base of skull with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
802	Fracture of face bones	Diagnosis	ICD-9-CM
802.0	Nasal bones, closed fracture	Diagnosis	ICD-9-CM
802.1	Nasal bones, open fracture	Diagnosis	ICD-9-CM
802.2	Mandible, closed fracture	Diagnosis	ICD-9-CM
802.20	Closed fracture of unspecified site of mandible	Diagnosis	ICD-9-CM
802.21	Closed fracture of condylar process of mandible	Diagnosis	ICD-9-CM
802.22	Closed fracture of subcondylar process of mandible	Diagnosis	ICD-9-CM
802.23	Closed fracture of coronoid process of mandible	Diagnosis	ICD-9-CM
802.24	Closed fracture of unspecified part of ramus of mandible	Diagnosis	ICD-9-CM
802.25	Closed fracture of angle of jaw	Diagnosis	ICD-9-CM
802.26	Closed fracture of symphysis of body of mandible	Diagnosis	ICD-9-CM
802.27	Closed fracture of alveolar border of body of mandible	Diagnosis	ICD-9-CM
802.28	Closed fracture of other and unspecified part of body of mandible	Diagnosis	ICD-9-CM
802.29	Closed fracture of multiple sites of mandible	Diagnosis	ICD-9-CM
802.3	Mandible, open fracture	Diagnosis	ICD-9-CM
802.30	Open fracture of unspecified site of mandible	Diagnosis	ICD-9-CM
802.31	Open fracture of condylar process of mandible	Diagnosis	ICD-9-CM
802.32	Open fracture of subcondylar process of mandible	Diagnosis	ICD-9-CM
802.33	Open fracture of coronoid process of mandible	Diagnosis	ICD-9-CM
802.34	Open fracture of unspecified part of ramus of mandible	Diagnosis	ICD-9-CM
802.35	Open fracture of angle of jaw	Diagnosis	ICD-9-CM
802.36	Open fracture of symphysis of body of mandible	Diagnosis	ICD-9-CM
802.37	Open fracture of alveolar border of body of mandible	Diagnosis	ICD-9-CM
802.38	Open fracture of other and unspecified part of body of mandible	Diagnosis	ICD-9-CM
802.39	Open fracture of multiple sites of mandible	Diagnosis	ICD-9-CM
802.4	Malar and maxillary bones, closed fracture	Diagnosis	ICD-9-CM
802.5	Malar and maxillary bones, open fracture	Diagnosis	ICD-9-CM
802.6	Orbital floor (blow-out), closed fracture	Diagnosis	ICD-9-CM
802.7	Orbital floor (blow-out), open fracture	Diagnosis	ICD-9-CM
802.8	Other facial bones, closed fracture	Diagnosis	ICD-9-CM
802.9	Other facial bones, open fracture	Diagnosis	ICD-9-CM
803	Other and unqualified skull fractures	Diagnosis	ICD-9-CM
803.0	Other closed skull fracture without mention of intracranial injury	Diagnosis	ICD-9-CM
803.00	Other closed skull fracture without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
803.01	Other closed skull fracture without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
803.02	Other closed skull fracture without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.03	Other closed skull fracture without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.04	Other closed skull fracture without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.05	Other closed skull fracture without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.06	Other closed skull fracture without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.09	Other closed skull fracture without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
803.1	Other closed skull fracture with cerebral laceration and contusion	Diagnosis	ICD-9-CM
803.10	Other closed skull fracture with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.11	Other closed skull fracture with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
803.12	Other closed skull fracture with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.13	Other closed skull fracture with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.14	Other closed skull fracture with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.15	Other closed skull fracture with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.16	Other closed skull fracture with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.19	Other closed skull fracture with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
803.2	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
803.20	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
803.21	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
803.22	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.23	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.24	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.25	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.26	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.29	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
803.3	Closed skull fracture with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
803.30	Other closed skull fracture with other and unspecified intracranial hemorrhage, unspecified state of unconsciousness	Diagnosis	ICD-9-CM
803.31	Other closed skull fracture with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
803.32	Other closed skull fracture with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.33	Other closed skull fracture with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.34	Other closed skull fracture with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.35	Other closed skull fracture with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.36	Other closed skull fracture with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.39	Other closed skull fracture with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
803.4	Other closed skull fracture with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
803.40	Other closed skull fracture with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
803.41	Other closed skull fracture with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
803.42	Other closed skull fracture with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.43	Other closed skull fracture with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.44	Other closed skull fracture with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.45	Other closed skull fracture with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.46	Other closed skull fracture with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.49	Other closed skull fracture with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
803.5	Other open skull fracture without mention of intracranial injury	Diagnosis	ICD-9-CM
803.50	Other open skull fracture without mention of injury, state of consciousness unspecified	Diagnosis	ICD-9-CM
803.51	Other open skull fracture without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
803.52	Other open skull fracture without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.53	Other open skull fracture without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.54	Other open skull fracture without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.55	Other open skull fracture without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.56	Other open skull fracture without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.59	Other open skull fracture without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
803.6	Other open skull fracture with cerebral laceration and contusion	Diagnosis	ICD-9-CM
803.60	Other open skull fracture with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.61	Other open skull fracture with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
803.62	Other open skull fracture with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.63	Other open skull fracture with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.64	Other open skull fracture with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.65	Other open skull fracture with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.66	Other open skull fracture with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.69	Other open skull fracture with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
803.7	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
803.70	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.71	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
803.72	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.73	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.74	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.75	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.76	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.79	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
803.8	Other open skull fracture with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
803.80	Other open skull fracture with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.81	Other open skull fracture with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
803.82	Other open skull fracture with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.83	Other open skull fracture with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.84	Other open skull fracture with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.85	Other open skull fracture with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.86	Other open skull fracture with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.89	Other open skull fracture with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
803.9	Other open skull fracture with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
803.90	Other open skull fracture with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.91	Other open skull fracture with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
803.92	Other open skull fracture with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.93	Other open skull fracture with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.94	Other open skull fracture with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.95	Other open skull fracture with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.96	Other open skull fracture with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.99	Other open skull fracture with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
804	Multiple fractures involving skull or face with other bones	Diagnosis	ICD-9-CM
804.0	Closed fractures involving skull or face with other bones, without mention of intracranial injury	Diagnosis	ICD-9-CM
804.00	Closed fractures involving skull or face with other bones, without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.01	Closed fractures involving skull or face with other bones, without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
804.02	Closed fractures involving skull or face with other bones, without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.03	Closed fractures involving skull or face with other bones, without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.04	Closed fractures involving skull or face with other bones, without mention or intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.05	Closed fractures involving skull of face with other bones, without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.06	Closed fractures involving skull of face with other bones, without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.09	Closed fractures involving skull of face with other bones, without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
804.1	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion	Diagnosis	ICD-9-CM
804.10	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.11	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
804.12	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.13	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.14	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.15	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.16	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.19	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
804.2	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
804.20	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.21	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
804.22	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.23	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.24	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.25	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.26	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.29	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
804.3	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
804.30	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.31	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
804.32	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.33	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.34	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to preexisting conscious level	Diagnosis	ICD-9-CM
804.35	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.36	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.39	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
804.4	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
804.40	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.41	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
804.42	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.43	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.44	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.45	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.46	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.49	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
804.5	Open fractures involving skull or face with other bones, without mention of intracranial injury	Diagnosis	ICD-9-CM
804.50	Open fractures involving skull or face with other bones, without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.51	Open fractures involving skull or face with other bones, without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
804.52	Open fractures involving skull or face with other bones, without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.53	Open fractures involving skull or face with other bones, without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.54	Open fractures involving skull or face with other bones, without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.55	Open fractures involving skull or face with other bones, without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.56	Open fractures involving skull or face with other bones, without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.59	Open fractures involving skull or face with other bones, without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
804.6	Open fractures involving skull or face with other bones, with cerebral laceration and contusion	Diagnosis	ICD-9-CM
804.60	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.61	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
804.62	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.63	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.64	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.65	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.66	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.69	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
804.7	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
804.70	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.71	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
804.72	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.73	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.74	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.75	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
804.76	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.79	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
804.8	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
804.80	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.81	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
804.82	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.83	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.84	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.85	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.86	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.89	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
804.9	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
804.90	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.91	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
804.92	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.93	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
804.94	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.95	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing level	Diagnosis	ICD-9-CM
804.96	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.99	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
805	Fracture of vertebral column without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.0	Closed fracture of cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.00	Closed fracture of cervical vertebra, unspecified level without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.01	Closed fracture of first cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.02	Closed fracture of second cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.03	Closed fracture of third cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.04	Closed fracture of fourth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.05	Closed fracture of fifth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.06	Closed fracture of sixth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.07	Closed fracture of seventh cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.08	Closed fracture of multiple cervical vertebrae without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.1	Open fracture of cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.10	Open fracture of cervical vertebra, unspecified level without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.11	Open fracture of first cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.12	Open fracture of second cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.13	Open fracture of third cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.14	Open fracture of fourth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.15	Open fracture of fifth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.16	Open fracture of sixth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.17	Open fracture of seventh cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.18	Open fracture of multiple cervical vertebrae without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.2	Closed fracture of dorsal (thoracic) vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.3	Open fracture of dorsal (thoracic) vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.4	Closed fracture of lumbar vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.5	Open fracture of lumbar vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
805.6	Closed fracture of sacrum and coccyx without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.7	Open fracture of sacrum and coccyx without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.8	Closed fracture of unspecified part of vertebral column without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.9	Open fracture of unspecified part of vertebral column without mention of spinal cord injury	Diagnosis	ICD-9-CM
806	Fracture of vertebral column with spinal cord injury	Diagnosis	ICD-9-CM
806.0	Closed fracture of cervical vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.00	Closed fracture of C1-C4 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.01	Closed fracture of C1-C4 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.02	Closed fracture of C1-C4 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.03	Closed fracture of C1-C4 level with central cord syndrome	Diagnosis	ICD-9-CM
806.04	Closed fracture of C1-C4 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.05	Closed fracture of C5-C7 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.06	Closed fracture of C5-C7 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.07	Closed fracture of C5-C7 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.08	Closed fracture of C5-C7 level with central cord syndrome	Diagnosis	ICD-9-CM
806.09	Closed fracture of C5-C7 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.1	Open fracture of cervical vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.10	Open fracture of C1-C4 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.11	Open fracture of C1-C4 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.12	Open fracture of C1-C4 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.13	Open fracture of C1-C4 level with central cord syndrome	Diagnosis	ICD-9-CM
806.14	Open fracture of C1-C4 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.15	Open fracture of C5-C7 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.16	Open fracture of C5-C7 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.17	Open fracture of C5-C7 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.18	Open fracture of C5-C7 level with central cord syndrome	Diagnosis	ICD-9-CM
806.19	Open fracture of C5-C7 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.2	Closed fracture of dorsal (thoracic) vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.20	Closed fracture of T1-T6 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.21	Closed fracture of T1-T6 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.22	Closed fracture of T1-T6 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.23	Closed fracture of T1-T6 level with central cord syndrome	Diagnosis	ICD-9-CM
806.24	Closed fracture of T1-T6 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.25	Closed fracture of T7-T12 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.26	Closed fracture of T7-T12 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.27	Closed fracture of T7-T12 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.28	Closed fracture of T7-T12 level with central cord syndrome	Diagnosis	ICD-9-CM
806.29	Closed fracture of T7-T12 level with other specified spinal cord injury	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
806.3	Open fracture of dorsal vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.30	Open fracture of T1-T6 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.31	Open fracture of T1-T6 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.32	Open fracture of T1-T6 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.33	Open fracture of T1-T6 level with central cord syndrome	Diagnosis	ICD-9-CM
806.34	Open fracture of T1-T6 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.35	Open fracture of T7-T12 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.36	Open fracture of T7-T12 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.37	Open fracture of T7-T12 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.38	Open fracture of T7-T12 level with central cord syndrome	Diagnosis	ICD-9-CM
806.39	Open fracture of T7-T12 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.4	Closed fracture of lumbar spine with spinal cord injury	Diagnosis	ICD-9-CM
806.5	Open fracture of lumbar spine with spinal cord injury	Diagnosis	ICD-9-CM
806.6	Closed fracture of sacrum and coccyx with spinal cord injury	Diagnosis	ICD-9-CM
806.60	Closed fracture of sacrum and coccyx with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.61	Closed fracture of sacrum and coccyx with complete cauda equina lesion	Diagnosis	ICD-9-CM
806.62	Closed fracture of sacrum and coccyx with other cauda equina injury	Diagnosis	ICD-9-CM
806.69	Closed fracture of sacrum and coccyx with other spinal cord injury	Diagnosis	ICD-9-CM
806.7	Open fracture of sacrum and coccyx with spinal cord injury	Diagnosis	ICD-9-CM
806.70	Open fracture of sacrum and coccyx with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.71	Open fracture of sacrum and coccyx with complete cauda equina lesion	Diagnosis	ICD-9-CM
806.72	Open fracture of sacrum and coccyx with other cauda equina injury	Diagnosis	ICD-9-CM
806.79	Open fracture of sacrum and coccyx with other spinal cord injury	Diagnosis	ICD-9-CM
806.8	Closed fracture of unspecified vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.9	Open fracture of unspecified vertebra with spinal cord injury	Diagnosis	ICD-9-CM
807	Fracture of rib(s), sternum, larynx, and trachea	Diagnosis	ICD-9-CM
807.0	Closed fracture of rib(s)	Diagnosis	ICD-9-CM
807.00	Closed fracture of rib(s), unspecified	Diagnosis	ICD-9-CM
807.01	Closed fracture of one rib	Diagnosis	ICD-9-CM
807.02	Closed fracture of two ribs	Diagnosis	ICD-9-CM
807.03	Closed fracture of three ribs	Diagnosis	ICD-9-CM
807.04	Closed fracture of four ribs	Diagnosis	ICD-9-CM
807.05	Closed fracture of five ribs	Diagnosis	ICD-9-CM
807.06	Closed fracture of six ribs	Diagnosis	ICD-9-CM
807.07	Closed fracture of seven ribs	Diagnosis	ICD-9-CM
807.08	Closed fracture of eight or more ribs	Diagnosis	ICD-9-CM
807.09	Closed fracture of multiple ribs, unspecified	Diagnosis	ICD-9-CM
807.1	Open fracture of rib(s)	Diagnosis	ICD-9-CM
807.10	Open fracture of rib(s), unspecified	Diagnosis	ICD-9-CM
807.11	Open fracture of one rib	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
807.12	Open fracture of two ribs	Diagnosis	ICD-9-CM
807.13	Open fracture of three ribs	Diagnosis	ICD-9-CM
807.14	Open fracture of four ribs	Diagnosis	ICD-9-CM
807.15	Open fracture of five ribs	Diagnosis	ICD-9-CM
807.16	Open fracture of six ribs	Diagnosis	ICD-9-CM
807.17	Open fracture of seven ribs	Diagnosis	ICD-9-CM
807.18	Open fracture of eight or more ribs	Diagnosis	ICD-9-CM
807.19	Open fracture of multiple ribs, unspecified	Diagnosis	ICD-9-CM
807.2	Closed fracture of sternum	Diagnosis	ICD-9-CM
807.3	Open fracture of sternum	Diagnosis	ICD-9-CM
807.4	Flail chest	Diagnosis	ICD-9-CM
807.5	Closed fracture of larynx and trachea	Diagnosis	ICD-9-CM
807.6	Open fracture of larynx and trachea	Diagnosis	ICD-9-CM
808	Fracture of pelvis	Diagnosis	ICD-9-CM
808.0	Closed fracture of acetabulum	Diagnosis	ICD-9-CM
808.1	Open fracture of acetabulum	Diagnosis	ICD-9-CM
808.2	Closed fracture of pubis	Diagnosis	ICD-9-CM
808.3	Open fracture of pubis	Diagnosis	ICD-9-CM
808.4	Closed fracture of other specified part of pelvis	Diagnosis	ICD-9-CM
808.41	Closed fracture of ilium	Diagnosis	ICD-9-CM
808.42	Closed fracture of ischium	Diagnosis	ICD-9-CM
808.43	Multiple closed pelvic fractures with disruption of pelvic circle	Diagnosis	ICD-9-CM
808.44	Multiple closed pelvic fractures without disruption of pelvic circle	Diagnosis	ICD-9-CM
808.49	Closed fracture of other specified part of pelvis	Diagnosis	ICD-9-CM
808.5	Open fracture of other specified part of pelvis	Diagnosis	ICD-9-CM
808.51	Open fracture of ilium	Diagnosis	ICD-9-CM
808.52	Open fracture of ischium	Diagnosis	ICD-9-CM
808.53	Multiple open pelvic fractures with disruption of pelvic circle	Diagnosis	ICD-9-CM
808.54	Multiple open pelvic fractures without disruption of pelvic circle	Diagnosis	ICD-9-CM
808.59	Open fracture of other specified part of pelvis	Diagnosis	ICD-9-CM
808.8	Unspecified closed fracture of pelvis	Diagnosis	ICD-9-CM
808.9	Unspecified open fracture of pelvis	Diagnosis	ICD-9-CM
809	Ill-defined fractures of bones of trunk	Diagnosis	ICD-9-CM
809.0	Fracture of bones of trunk, closed	Diagnosis	ICD-9-CM
809.1	Fracture of bones of trunk, open	Diagnosis	ICD-9-CM
810	Fracture of clavicle	Diagnosis	ICD-9-CM
810.0	Closed fracture of clavicle	Diagnosis	ICD-9-CM
810.00	Unspecified part of closed fracture of clavicle	Diagnosis	ICD-9-CM
810.01	Closed fracture of sternal end of clavicle	Diagnosis	ICD-9-CM
810.02	Closed fracture of shaft of clavicle	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
810.03	Closed fracture of acromial end of clavicle	Diagnosis	ICD-9-CM
810.1	Open fracture of clavicle	Diagnosis	ICD-9-CM
810.10	Unspecified part of open fracture of clavicle	Diagnosis	ICD-9-CM
810.11	Open fracture of sternal end of clavicle	Diagnosis	ICD-9-CM
810.12	Open fracture of shaft of clavicle	Diagnosis	ICD-9-CM
810.13	Open fracture of acromial end of clavicle	Diagnosis	ICD-9-CM
811	Fracture of scapula	Diagnosis	ICD-9-CM
811.0	Closed fracture of scapula	Diagnosis	ICD-9-CM
811.00	Closed fracture of unspecified part of scapula	Diagnosis	ICD-9-CM
811.01	Closed fracture of acromial process of scapula	Diagnosis	ICD-9-CM
811.02	Closed fracture of coracoid process of scapula	Diagnosis	ICD-9-CM
811.03	Closed fracture of glenoid cavity and neck of scapula	Diagnosis	ICD-9-CM
811.09	Closed fracture of other part of scapula	Diagnosis	ICD-9-CM
811.1	Open fracture of scapula	Diagnosis	ICD-9-CM
811.10	Open fracture of unspecified part of scapula	Diagnosis	ICD-9-CM
811.11	Open fracture of acromial process of scapula	Diagnosis	ICD-9-CM
811.12	Open fracture of coracoid process	Diagnosis	ICD-9-CM
811.13	Open fracture of glenoid cavity and neck of scapula	Diagnosis	ICD-9-CM
811.19	Open fracture of other part of scapula	Diagnosis	ICD-9-CM
812	Fracture of humerus	Diagnosis	ICD-9-CM
812.0	Closed fracture of upper end of humerus	Diagnosis	ICD-9-CM
812.00	Closed fracture of unspecified part of upper end of humerus	Diagnosis	ICD-9-CM
812.01	Closed fracture of surgical neck of humerus	Diagnosis	ICD-9-CM
812.02	Closed fracture of anatomical neck of humerus	Diagnosis	ICD-9-CM
812.03	Closed fracture of greater tuberosity of humerus	Diagnosis	ICD-9-CM
812.09	Other closed fractures of upper end of humerus	Diagnosis	ICD-9-CM
812.1	Open fracture of upper end of humerus	Diagnosis	ICD-9-CM
812.10	Open fracture of unspecified part of upper end of humerus	Diagnosis	ICD-9-CM
812.11	Open fracture of surgical neck of humerus	Diagnosis	ICD-9-CM
812.12	Open fracture of anatomical neck of humerus	Diagnosis	ICD-9-CM
812.13	Open fracture of greater tuberosity of humerus	Diagnosis	ICD-9-CM
812.19	Other open fracture of upper end of humerus	Diagnosis	ICD-9-CM
812.2	Closed fracture of shaft or unspecified part of humerus	Diagnosis	ICD-9-CM
812.20	Closed fracture of unspecified part of humerus	Diagnosis	ICD-9-CM
812.21	Closed fracture of shaft of humerus	Diagnosis	ICD-9-CM
812.3	Open fracture of shaft or unspecified part of humerus	Diagnosis	ICD-9-CM
812.30	Open fracture of unspecified part of humerus	Diagnosis	ICD-9-CM
812.31	Open fracture of shaft of humerus	Diagnosis	ICD-9-CM
812.4	Closed fracture of lower end of humerus	Diagnosis	ICD-9-CM
812.40	Closed fracture of unspecified part of lower end of humerus	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
812.41	Closed fracture of supracondylar humerus	Diagnosis	ICD-9-CM
812.42	Closed fracture of lateral condyle of humerus	Diagnosis	ICD-9-CM
812.43	Closed fracture of medial condyle of humerus	Diagnosis	ICD-9-CM
812.44	Closed fracture of unspecified condyle(s) of humerus	Diagnosis	ICD-9-CM
812.49	Other closed fracture of lower end of humerus	Diagnosis	ICD-9-CM
812.5	Open fracture of lower end of humerus	Diagnosis	ICD-9-CM
812.50	Open fracture of unspecified part of lower end of humerus	Diagnosis	ICD-9-CM
812.51	Open fracture of supracondylar humerus	Diagnosis	ICD-9-CM
812.52	Open fracture of lateral condyle of humerus	Diagnosis	ICD-9-CM
812.53	Open fracture of medial condyle of humerus	Diagnosis	ICD-9-CM
812.54	Open fracture of unspecified condyle(s) of humerus	Diagnosis	ICD-9-CM
812.59	Other open fracture of lower end of humerus	Diagnosis	ICD-9-CM
813	Fracture of radius and ulna	Diagnosis	ICD-9-CM
813.0	Closed fracture of upper end of radius and ulna	Diagnosis	ICD-9-CM
813.00	Unspecified fracture of radius and ulna, upper end of forearm, closed	Diagnosis	ICD-9-CM
813.01	Closed fracture of olecranon process of ulna	Diagnosis	ICD-9-CM
813.02	Closed fracture of coronoid process of ulna	Diagnosis	ICD-9-CM
813.03	Closed Monteggia's fracture	Diagnosis	ICD-9-CM
813.04	Other and unspecified closed fractures of proximal end of ulna (alone)	Diagnosis	ICD-9-CM
813.05	Closed fracture of head of radius	Diagnosis	ICD-9-CM
813.06	Closed fracture of neck of radius	Diagnosis	ICD-9-CM
813.07	Other and unspecified closed fractures of proximal end of radius (alone)	Diagnosis	ICD-9-CM
813.08	Closed fracture of radius with ulna, upper end (any part)	Diagnosis	ICD-9-CM
813.1	Open fracture of upper end of radius and ulna	Diagnosis	ICD-9-CM
813.10	Unspecified open fracture of upper end of forearm	Diagnosis	ICD-9-CM
813.11	Open fracture of olecranon process of ulna	Diagnosis	ICD-9-CM
813.12	Open fracture of coronoid process of ulna	Diagnosis	ICD-9-CM
813.13	Open Monteggia's fracture	Diagnosis	ICD-9-CM
813.14	Other and unspecified open fractures of proximal end of ulna (alone)	Diagnosis	ICD-9-CM
813.15	Open fracture of head of radius	Diagnosis	ICD-9-CM
813.16	Open fracture of neck of radius	Diagnosis	ICD-9-CM
813.17	Other and unspecified open fractures of proximal end of radius (alone)	Diagnosis	ICD-9-CM
813.18	Open fracture of radius with ulna, upper end (any part)	Diagnosis	ICD-9-CM
813.2	Closed fracture of shaft of radius and ulna	Diagnosis	ICD-9-CM
813.20	Unspecified closed fracture of shaft of radius or ulna	Diagnosis	ICD-9-CM
813.21	Closed fracture of shaft of radius (alone)	Diagnosis	ICD-9-CM
813.22	Closed fracture of shaft of ulna (alone)	Diagnosis	ICD-9-CM
813.23	Closed fracture of shaft of radius with ulna	Diagnosis	ICD-9-CM
813.3	Open fracture of shaft of radius and ulna	Diagnosis	ICD-9-CM
813.30	Unspecified open fracture of shaft of radius or ulna	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
813.31	Open fracture of shaft of radius (alone)	Diagnosis	ICD-9-CM
813.32	Open fracture of shaft of ulna (alone)	Diagnosis	ICD-9-CM
813.33	Open fracture of shaft of radius with ulna	Diagnosis	ICD-9-CM
813.4	Closed fracture of lower end of radius and ulna	Diagnosis	ICD-9-CM
813.40	Unspecified closed fracture of lower end of forearm	Diagnosis	ICD-9-CM
813.41	Closed Colles' fracture	Diagnosis	ICD-9-CM
813.42	Other closed fractures of distal end of radius (alone)	Diagnosis	ICD-9-CM
813.43	Closed fracture of distal end of ulna (alone)	Diagnosis	ICD-9-CM
813.44	Closed fracture of lower end of radius with ulna	Diagnosis	ICD-9-CM
813.45	Torus fracture of radius (alone)	Diagnosis	ICD-9-CM
813.46	Torus fracture of ulna (alone)	Diagnosis	ICD-9-CM
813.47	Torus fracture of radius and ulna	Diagnosis	ICD-9-CM
813.5	Open fracture of lower end of radius and ulna	Diagnosis	ICD-9-CM
813.50	Unspecified open fracture of lower end of forearm	Diagnosis	ICD-9-CM
813.51	Open Colles' fracture	Diagnosis	ICD-9-CM
813.52	Other open fractures of distal end of radius (alone)	Diagnosis	ICD-9-CM
813.53	Open fracture of distal end of ulna (alone)	Diagnosis	ICD-9-CM
813.54	Open fracture of lower end of radius with ulna	Diagnosis	ICD-9-CM
813.8	Closed fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
813.80	Closed fracture of unspecified part of forearm	Diagnosis	ICD-9-CM
813.81	Closed fracture of unspecified part of radius (alone)	Diagnosis	ICD-9-CM
813.82	Closed fracture of unspecified part of ulna (alone)	Diagnosis	ICD-9-CM
813.83	Closed fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
813.9	Open fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
813.90	Open fracture of unspecified part of forearm	Diagnosis	ICD-9-CM
813.91	Open fracture of unspecified part of radius (alone)	Diagnosis	ICD-9-CM
813.92	Open fracture of unspecified part of ulna (alone)	Diagnosis	ICD-9-CM
813.93	Open fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
814	Fracture of carpal bone(s)	Diagnosis	ICD-9-CM
814.0	Closed fractures of carpal bones	Diagnosis	ICD-9-CM
814.00	Unspecified closed fracture of carpal bone	Diagnosis	ICD-9-CM
814.01	Closed fracture of navicular (scaphoid) bone of wrist	Diagnosis	ICD-9-CM
814.02	Closed fracture of lunate (semilunar) bone of wrist	Diagnosis	ICD-9-CM
814.03	Closed fracture of triquetral (cuneiform) bone of wrist	Diagnosis	ICD-9-CM
814.04	Closed fracture of pisiform bone of wrist	Diagnosis	ICD-9-CM
814.05	Closed fracture of trapezium bone (larger multangular) of wrist	Diagnosis	ICD-9-CM
814.06	Closed fracture of trapezoid bone (smaller multangular) of wrist	Diagnosis	ICD-9-CM
814.07	Closed fracture of capitate bone (os magnum) of wrist	Diagnosis	ICD-9-CM
814.08	Closed fracture of hamate (unciform) bone of wrist	Diagnosis	ICD-9-CM
814.09	Closed fracture of other bone of wrist	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
814.1	Open fractures of carpal bones	Diagnosis	ICD-9-CM
814.10	Unspecified open fracture of carpal bone	Diagnosis	ICD-9-CM
814.11	Open fracture of navicular (scaphoid) bone of wrist	Diagnosis	ICD-9-CM
814.12	Open fracture of lunate (semilunar) bone of wrist	Diagnosis	ICD-9-CM
814.13	Open fracture of triquetral (cuneiform) bone of wrist	Diagnosis	ICD-9-CM
814.14	Open fracture of pisiform bone of wrist	Diagnosis	ICD-9-CM
814.15	Open fracture of trapezium bone (larger multangular) of wrist	Diagnosis	ICD-9-CM
814.16	Open fracture of trapezoid bone (smaller multangular) of wrist	Diagnosis	ICD-9-CM
814.17	Open fracture of capitate bone (os magnum) of wrist	Diagnosis	ICD-9-CM
814.18	Open fracture of hamate (unciform) bone of wrist	Diagnosis	ICD-9-CM
814.19	Open fracture of other bone of wrist	Diagnosis	ICD-9-CM
815	Fracture of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.0	Closed fracture of metacarpal bones	Diagnosis	ICD-9-CM
815.00	Closed fracture of metacarpal bone(s), site unspecified	Diagnosis	ICD-9-CM
815.01	Closed fracture of base of thumb (first) metacarpal bone(s)	Diagnosis	ICD-9-CM
815.02	Closed fracture of base of other metacarpal bone(s)	Diagnosis	ICD-9-CM
815.03	Closed fracture of shaft of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.04	Closed fracture of neck of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.09	Closed fracture of multiple sites of metacarpus	Diagnosis	ICD-9-CM
815.1	Open fracture of metacarpal bones	Diagnosis	ICD-9-CM
815.10	Open fracture of metacarpal bone(s), site unspecified	Diagnosis	ICD-9-CM
815.11	Open fracture of base of thumb (first) metacarpal bone(s)	Diagnosis	ICD-9-CM
815.12	Open fracture of base of other metacarpal bone(s)	Diagnosis	ICD-9-CM
815.13	Open fracture of shaft of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.14	Open fracture of neck of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.19	Open fracture of multiple sites of metacarpus	Diagnosis	ICD-9-CM
816	Fracture of one or more phalanges of hand	Diagnosis	ICD-9-CM
816.0	Closed fracture of one or more phalanges of hand	Diagnosis	ICD-9-CM
816.00	Closed fracture of unspecified phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.01	Closed fracture of middle or proximal phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.02	Closed fracture of distal phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.03	Closed fracture of multiple sites of phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.1	Open fracture of one or more phalanges of hand	Diagnosis	ICD-9-CM
816.10	Open fracture of phalanx or phalanges of hand, unspecified	Diagnosis	ICD-9-CM
816.11	Open fracture of middle or proximal phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.12	Open fracture of distal phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.13	Open fractures of multiple sites of phalanx or phalanges of hand	Diagnosis	ICD-9-CM
817	Multiple fractures of hand bones	Diagnosis	ICD-9-CM
817.0	Multiple closed fractures of hand bones	Diagnosis	ICD-9-CM
817.1	Multiple open fractures of hand bones	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
818	Ill-defined fractures of upper limb	Diagnosis	ICD-9-CM
818.0	Ill-defined closed fractures of upper limb	Diagnosis	ICD-9-CM
818.1	Ill-defined open fractures of upper limb	Diagnosis	ICD-9-CM
819	Multiple fractures involving both upper limbs, and upper limb with rib(s) and sternum	Diagnosis	ICD-9-CM
819.0	Multiple closed fractures involving both upper limbs, and upper limb with rib(s) and sternum	Diagnosis	ICD-9-CM
819.1	Multiple open fractures involving both upper limbs, and upper limb with rib(s) and sternum	Diagnosis	ICD-9-CM
820	Fracture of neck of femur	Diagnosis	ICD-9-CM
820.0	Closed transcervical fracture	Diagnosis	ICD-9-CM
820.00	Closed fracture of unspecified intracapsular section of neck of femur	Diagnosis	ICD-9-CM
820.01	Closed fracture of epiphysis (separation) (upper) of neck of femur	Diagnosis	ICD-9-CM
820.02	Closed fracture of midcervical section of femur	Diagnosis	ICD-9-CM
820.03	Closed fracture of base of neck of femur	Diagnosis	ICD-9-CM
820.09	Other closed transcervical fracture of femur	Diagnosis	ICD-9-CM
820.1	Open transcervical fracture	Diagnosis	ICD-9-CM
820.10	Open fracture of unspecified intracapsular section of neck of femur	Diagnosis	ICD-9-CM
820.11	Open fracture of epiphysis (separation) (upper) of neck of femur	Diagnosis	ICD-9-CM
820.12	Open fracture of midcervical section of femur	Diagnosis	ICD-9-CM
820.13	Open fracture of base of neck of femur	Diagnosis	ICD-9-CM
820.19	Other open transcervical fracture of femur	Diagnosis	ICD-9-CM
820.2	Closed pertrochanteric fracture of femur	Diagnosis	ICD-9-CM
820.20	Closed fracture of unspecified trochanteric section of femur	Diagnosis	ICD-9-CM
820.21	Closed fracture of intertrochanteric section of femur	Diagnosis	ICD-9-CM
820.22	Closed fracture of subtrochanteric section of femur	Diagnosis	ICD-9-CM
820.3	Open pertrochanteric fracture of femur	Diagnosis	ICD-9-CM
820.30	Open fracture of unspecified trochanteric section of femur	Diagnosis	ICD-9-CM
820.31	Open fracture of intertrochanteric section of femur	Diagnosis	ICD-9-CM
820.32	Open fracture of subtrochanteric section of femur	Diagnosis	ICD-9-CM
820.8	Closed fracture of unspecified part of neck of femur	Diagnosis	ICD-9-CM
820.9	Open fracture of unspecified part of neck of femur	Diagnosis	ICD-9-CM
821	Fracture of other and unspecified parts of femur	Diagnosis	ICD-9-CM
821.0	Closed fracture of shaft or unspecified part of femur	Diagnosis	ICD-9-CM
821.00	Closed fracture of unspecified part of femur	Diagnosis	ICD-9-CM
821.01	Closed fracture of shaft of femur	Diagnosis	ICD-9-CM
821.1	Open fracture of shaft or unspecified part of femur	Diagnosis	ICD-9-CM
821.10	Open fracture of unspecified part of femur	Diagnosis	ICD-9-CM
821.11	Open fracture of shaft of femur	Diagnosis	ICD-9-CM
821.2	Closed fracture of lower end of femur	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
821.20	Closed fracture of unspecified part of lower end of femur	Diagnosis	ICD-9-CM
821.21	Closed fracture of femoral condyle	Diagnosis	ICD-9-CM
821.22	Closed fracture of lower epiphysis of femur	Diagnosis	ICD-9-CM
821.23	Closed supracondylar fracture of femur	Diagnosis	ICD-9-CM
821.29	Other closed fracture of lower end of femur	Diagnosis	ICD-9-CM
821.3	Open fracture of lower end of femur	Diagnosis	ICD-9-CM
821.30	Open fracture of unspecified part of lower end of femur	Diagnosis	ICD-9-CM
821.31	Open fracture of femoral condyle	Diagnosis	ICD-9-CM
821.32	Open fracture of lower epiphysis of femur	Diagnosis	ICD-9-CM
821.33	Open supracondylar fracture of femur	Diagnosis	ICD-9-CM
821.39	Other open fracture of lower end of femur	Diagnosis	ICD-9-CM
822	Fracture of patella	Diagnosis	ICD-9-CM
822.0	Closed fracture of patella	Diagnosis	ICD-9-CM
822.1	Open fracture of patella	Diagnosis	ICD-9-CM
823	Fracture of tibia and fibula	Diagnosis	ICD-9-CM
823.0	Closed fracture of upper end of tibia and fibula	Diagnosis	ICD-9-CM
823.00	Closed fracture of upper end of tibia	Diagnosis	ICD-9-CM
823.01	Closed fracture of upper end of fibula	Diagnosis	ICD-9-CM
823.02	Closed fracture of upper end of fibula with tibia	Diagnosis	ICD-9-CM
823.1	Open fracture of upper end of tibia and fibula	Diagnosis	ICD-9-CM
823.10	Open fracture of upper end of tibia	Diagnosis	ICD-9-CM
823.11	Open fracture of upper end of fibula	Diagnosis	ICD-9-CM
823.12	Open fracture of upper end of fibula with tibia	Diagnosis	ICD-9-CM
823.2	Closed fracture of shaft of tibia and fibula	Diagnosis	ICD-9-CM
823.20	Closed fracture of shaft of tibia	Diagnosis	ICD-9-CM
823.21	Closed fracture of shaft of fibula	Diagnosis	ICD-9-CM
823.22	Closed fracture of shaft of fibula with tibia	Diagnosis	ICD-9-CM
823.3	Open fracture of shaft of tibia and fibula	Diagnosis	ICD-9-CM
823.30	Open fracture of shaft of tibia	Diagnosis	ICD-9-CM
823.31	Open fracture of shaft of fibula	Diagnosis	ICD-9-CM
823.32	Open fracture of shaft of fibula with tibia	Diagnosis	ICD-9-CM
823.4	Torus fracture of tibia and fibula	Diagnosis	ICD-9-CM
823.40	Torus fracture of tibia alone	Diagnosis	ICD-9-CM
823.41	Torus fracture of fibula alone	Diagnosis	ICD-9-CM
823.42	Torus fracture of fibula with tibia	Diagnosis	ICD-9-CM
823.8	Closed fracture of unspecified part of tibia and fibula	Diagnosis	ICD-9-CM
823.80	Closed fracture of unspecified part of tibia	Diagnosis	ICD-9-CM
823.81	Closed fracture of unspecified part of fibula	Diagnosis	ICD-9-CM
823.82	Closed fracture of unspecified part of fibula with tibia	Diagnosis	ICD-9-CM
823.9	Open fracture of unspecified part of tibia and fibula	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
823.90	Open fracture of unspecified part of tibia	Diagnosis	ICD-9-CM
823.91	Open fracture of unspecified part of fibula	Diagnosis	ICD-9-CM
823.92	Open fracture of unspecified part of fibula with tibia	Diagnosis	ICD-9-CM
824	Fracture of ankle	Diagnosis	ICD-9-CM
824.0	Closed fracture of medial malleolus	Diagnosis	ICD-9-CM
824.1	Open fracture of medial malleolus	Diagnosis	ICD-9-CM
824.2	Closed fracture of lateral malleolus	Diagnosis	ICD-9-CM
824.3	Open fracture of lateral malleolus	Diagnosis	ICD-9-CM
824.4	Closed bimalleolar fracture	Diagnosis	ICD-9-CM
824.5	Open bimalleolar fracture	Diagnosis	ICD-9-CM
824.6	Closed trimalleolar fracture	Diagnosis	ICD-9-CM
824.7	Open trimalleolar fracture	Diagnosis	ICD-9-CM
824.8	Unspecified closed fracture of ankle	Diagnosis	ICD-9-CM
824.9	Unspecified open fracture of ankle	Diagnosis	ICD-9-CM
825	Fracture of one or more tarsal and metatarsal bones	Diagnosis	ICD-9-CM
825.0	Closed fracture of calcaneus	Diagnosis	ICD-9-CM
825.1	Open fracture of calcaneus	Diagnosis	ICD-9-CM
825.2	Closed fracture of other tarsal and metatarsal bones	Diagnosis	ICD-9-CM
825.20	Closed fracture of unspecified bone(s) of foot (except toes)	Diagnosis	ICD-9-CM
825.21	Closed fracture of astragalus	Diagnosis	ICD-9-CM
825.22	Closed fracture of navicular (scaphoid) bone of foot	Diagnosis	ICD-9-CM
825.23	Closed fracture of cuboid bone	Diagnosis	ICD-9-CM
825.24	Closed fracture of cuneiform bone of foot	Diagnosis	ICD-9-CM
825.25	Closed fracture of metatarsal bone(s)	Diagnosis	ICD-9-CM
825.29	Other closed fracture of tarsal and metatarsal bones	Diagnosis	ICD-9-CM
825.3	Open fracture of other tarsal and metatarsal bones	Diagnosis	ICD-9-CM
825.30	Open fracture of unspecified bone(s) of foot (except toes)	Diagnosis	ICD-9-CM
825.31	Open fracture of astragalus	Diagnosis	ICD-9-CM
825.32	Open fracture of navicular (scaphoid) bone of foot	Diagnosis	ICD-9-CM
825.33	Open fracture of cuboid bone	Diagnosis	ICD-9-CM
825.34	Open fracture of cuneiform bone of foot,	Diagnosis	ICD-9-CM
825.35	Open fracture of metatarsal bone(s)	Diagnosis	ICD-9-CM
825.39	Other open fractures of tarsal and metatarsal bones	Diagnosis	ICD-9-CM
826	Fracture of one or more phalanges of foot	Diagnosis	ICD-9-CM
826.0	Closed fracture of one or more phalanges of foot	Diagnosis	ICD-9-CM
826.1	Open fracture of one or more phalanges of foot	Diagnosis	ICD-9-CM
827	Other, multiple, and ill-defined fractures of lower limb	Diagnosis	ICD-9-CM
827.0	Other, multiple and ill-defined closed fractures of lower limb	Diagnosis	ICD-9-CM
827.1	Other, multiple and ill-defined open fractures of lower limb	Diagnosis	ICD-9-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
828	Multiple fractures involving both lower limbs, lower with upper limb, and lower limb(s) with rib(s) and sternum	Diagnosis	ICD-9-CM
828.0	Multiple closed fractures involving both lower limbs, lower with upper limb, and lower limb(s) with rib(s) and sternum	Diagnosis	ICD-9-CM
828.1	Multiple fractures involving both lower limbs, lower with upper limb, and lower limb(s) with rib(s) and sternum, open	Diagnosis	ICD-9-CM
829	Fracture of unspecified bones	Diagnosis	ICD-9-CM
829.0	Closed fracture of unspecified bone	Diagnosis	ICD-9-CM
829.1	Open fracture of unspecified bone	Diagnosis	ICD-9-CM
S02.0XXA	Fracture of vault of skull, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.0XXB	Fracture of vault of skull, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.101A	Fracture of base of skull, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.101B	Fracture of base of skull, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.102A	Fracture of base of skull, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.102B	Fracture of base of skull, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.109A	Fracture of base of skull, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.109B	Fracture of base of skull, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.110A	Type I occipital condyle fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.110B	Type I occipital condyle fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.111A	Type II occipital condyle fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.111B	Type II occipital condyle fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.112A	Type III occipital condyle fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.112B	Type III occipital condyle fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.113A	Unspecified occipital condyle fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.113B	Unspecified occipital condyle fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.118A	Other fracture of occiput, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.118B	Other fracture of occiput, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.119A	Unspecified fracture of occiput, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.119B	Unspecified fracture of occiput, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11AA	Type I occipital condyle fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11AB	Type I occipital condyle fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11BA	Type I occipital condyle fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11BB	Type I occipital condyle fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11CA	Type II occipital condyle fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S02.11CB	Type II occipital condyle fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11DA	Type II occipital condyle fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11DB	Type II occipital condyle fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11EA	Type III occipital condyle fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11EB	Type III occipital condyle fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11FA	Type III occipital condyle fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11FB	Type III occipital condyle fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11GA	Other fracture of occiput, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11GB	Other fracture of occiput, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11HA	Other fracture of occiput, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11HB	Other fracture of occiput, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.19XA	Other fracture of base of skull, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.19XB	Other fracture of base of skull, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.2XXA	Fracture of nasal bones, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.2XXB	Fracture of nasal bones, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.30XA	Fracture of orbital floor, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.30XB	Fracture of orbital floor, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.31XA	Fracture of orbital floor, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.31XB	Fracture of orbital floor, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.32XA	Fracture of orbital floor, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.32XB	Fracture of orbital floor, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.400A	Malar fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.400B	Malar fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.401A	Maxillary fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.401B	Maxillary fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.402A	Zygomatic fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.402B	Zygomatic fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40AA	Malar fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40AB	Malar fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40BA	Malar fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40BB	Malar fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40CA	Maxillary fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40CB	Maxillary fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40DA	Maxillary fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40DB	Maxillary fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40EA	Zygomatic fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40EB	Zygomatic fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40FA	Zygomatic fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40FB	Zygomatic fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.411A	LeFort I fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S02.411B	LeFort I fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.412A	LeFort II fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.412B	LeFort II fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.413A	LeFort III fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.413B	LeFort III fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.42XA	Fracture of alveolus of maxilla, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.42XB	Fracture of alveolus of maxilla, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.600A	Fracture of unspecified part of body of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.600B	Fracture of unspecified part of body of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.601A	Fracture of unspecified part of body of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.601B	Fracture of unspecified part of body of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.602A	Fracture of unspecified part of body of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.602B	Fracture of unspecified part of body of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.609A	Fracture of mandible, unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.609B	Fracture of mandible, unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.610A	Fracture of condylar process of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.610B	Fracture of condylar process of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.611A	Fracture of condylar process of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.611B	Fracture of condylar process of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.612A	Fracture of condylar process of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.612B	Fracture of condylar process of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.620A	Fracture of subcondylar process of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.620B	Fracture of subcondylar process of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.621A	Fracture of subcondylar process of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.621B	Fracture of subcondylar process of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.622A	Fracture of subcondylar process of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S02.622B	Fracture of subcondylar process of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.630A	Fracture of coronoid process of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.630B	Fracture of coronoid process of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.631A	Fracture of coronoid process of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.631B	Fracture of coronoid process of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.632A	Fracture of coronoid process of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.632B	Fracture of coronoid process of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.640A	Fracture of ramus of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.640B	Fracture of ramus of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.641A	Fracture of ramus of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.641B	Fracture of ramus of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.642A	Fracture of ramus of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.642B	Fracture of ramus of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.650A	Fracture of angle of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.650B	Fracture of angle of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.651A	Fracture of angle of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.651B	Fracture of angle of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.652A	Fracture of angle of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.652B	Fracture of angle of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.66XA	Fracture of symphysis of mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.66XB	Fracture of symphysis of mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.670A	Fracture of alveolus of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.670B	Fracture of alveolus of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.671A	Fracture of alveolus of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.671B	Fracture of alveolus of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.672A	Fracture of alveolus of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.672B	Fracture of alveolus of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.69XA	Fracture of mandible of other specified site, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.69XB	Fracture of mandible of other specified site, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S02.80XA	Fracture of other specified skull and facial bones, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.80XB	Fracture of other specified skull and facial bones, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.81XA	Fracture of other specified skull and facial bones, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.81XB	Fracture of other specified skull and facial bones, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.82XA	Fracture of other specified skull and facial bones, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.82XB	Fracture of other specified skull and facial bones, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.91XA	Unspecified fracture of skull, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.91XB	Unspecified fracture of skull, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.92XA	Unspecified fracture of facial bones, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.92XB	Unspecified fracture of facial bones, initial encounter for open fracture	Diagnosis	ICD-10-CM
S06.330A	Contusion and laceration of cerebrum, unspecified, without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.331A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.332A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.333A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.334A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.335A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.336A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.337A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.338A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.339A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S06.360A	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.361A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.362A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.363A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.364A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.365A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.366A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.367A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.368A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.369A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.4X0A	Epidural hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.4X1A	Epidural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.4X2A	Epidural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.4X3A	Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.4X4A	Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.4X5A	Epidural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.4X6A	Epidural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.4X7A	Epidural hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S06.4X8A	Epidural hemorrhage with loss of consciousness of any duration with death due to other causes prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.4X9A	Epidural hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.5X0A	Traumatic subdural hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X1A	Traumatic subdural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.5X2A	Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.5X3A	Traumatic subdural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.5X4A	Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.5X5A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.5X6A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.5X7A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to brain injury before regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X8A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to other cause before regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X9A	Traumatic subdural hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.6X0A	Traumatic subarachnoid hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X1A	Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.6X2A	Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.6X3A	Traumatic subarachnoid hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.6X4A	Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.6X5A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.6X6A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S06.6X7A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X8A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X9A	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.890A	Other specified intracranial injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.891A	Other specified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.892A	Other specified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.893A	Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.894A	Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.895A	Other specified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.896A	Other specified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.897A	Other specified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.898A	Other specified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.899A	Other specified intracranial injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.9X0A	Unspecified intracranial injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X1A	Unspecified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.9X2A	Unspecified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.9X3A	Unspecified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.9X4A	Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.9X5A	Unspecified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.9X6A	Unspecified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S06.9X7A	Unspecified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X8A	Unspecified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X9A	Unspecified intracranial injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S12.000A	Unspecified displaced fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.000B	Unspecified displaced fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.001A	Unspecified nondisplaced fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.001B	Unspecified nondisplaced fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.01XA	Stable burst fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.01XB	Stable burst fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.02XA	Unstable burst fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.02XB	Unstable burst fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.030A	Displaced posterior arch fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.030B	Displaced posterior arch fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.031A	Nondisplaced posterior arch fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.031B	Nondisplaced posterior arch fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.040A	Displaced lateral mass fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.040B	Displaced lateral mass fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.041A	Nondisplaced lateral mass fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.041B	Nondisplaced lateral mass fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.090A	Other displaced fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.090B	Other displaced fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S12.091A	Other nondisplaced fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.091B	Other nondisplaced fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.100A	Unspecified displaced fracture of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.100B	Unspecified displaced fracture of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.101A	Unspecified nondisplaced fracture of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.101B	Unspecified nondisplaced fracture of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.110A	Anterior displaced Type II dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.110B	Anterior displaced Type II dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.111A	Posterior displaced Type II dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.111B	Posterior displaced Type II dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.112A	Nondisplaced Type II dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.112B	Nondisplaced Type II dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.120A	Other displaced dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.120B	Other displaced dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.121A	Other nondisplaced dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.121B	Other nondisplaced dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.130A	Unspecified traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.130B	Unspecified traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.131A	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.131B	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.14XA	Type III traumatic spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.14XB	Type III traumatic spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.150A	Other traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.150B	Other traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.151A	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S12.151B	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.190A	Other displaced fracture of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.190B	Other displaced fracture of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.191A	Other nondisplaced fracture of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.191B	Other nondisplaced fracture of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.200A	Unspecified displaced fracture of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.200B	Unspecified displaced fracture of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.201A	Unspecified nondisplaced fracture of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.201B	Unspecified nondisplaced fracture of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.230A	Unspecified traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.230B	Unspecified traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.231A	Unspecified traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.231B	Unspecified traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.24XA	Type III traumatic spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.24XB	Type III traumatic spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.250A	Other traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.250B	Other traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.251A	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.251B	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.290A	Other displaced fracture of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S12.290B	Other displaced fracture of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.291A	Other nondisplaced fracture of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.291B	Other nondisplaced fracture of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.300A	Unspecified displaced fracture of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.300B	Unspecified displaced fracture of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.301A	Unspecified nondisplaced fracture of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.301B	Unspecified nondisplaced fracture of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.330A	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.330B	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.331A	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.331B	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.34XA	Type III traumatic spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.34XB	Type III traumatic spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.350A	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.350B	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.351A	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.351B	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.390A	Other displaced fracture of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.390B	Other displaced fracture of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.391A	Other nondisplaced fracture of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S12.391B	Other nondisplaced fracture of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.400A	Unspecified displaced fracture of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.400B	Unspecified displaced fracture of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.401A	Unspecified nondisplaced fracture of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.401B	Unspecified nondisplaced fracture of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.430A	Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.430B	Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.431A	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.431B	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.44XA	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.44XB	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.450A	Other traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.450B	Other traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.451A	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.451B	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.490A	Other displaced fracture of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.490B	Other displaced fracture of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.491A	Other nondisplaced fracture of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.491B	Other nondisplaced fracture of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.500A	Unspecified displaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S12.500B	Unspecified displaced fracture of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.501A	Unspecified nondisplaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.501B	Unspecified nondisplaced fracture of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.530A	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.530B	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.531A	Unspecified traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.531B	Unspecified traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.54XA	Type III traumatic spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.54XB	Type III traumatic spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.550A	Other traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.550B	Other traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.551A	Other traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.551B	Other traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.590A	Other displaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.590B	Other displaced fracture of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.591A	Other nondisplaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.591B	Other nondisplaced fracture of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.600A	Unspecified displaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.600B	Unspecified displaced fracture of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.601A	Unspecified nondisplaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S12.601B	Unspecified nondisplaced fracture of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.630A	Unspecified traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.630B	Unspecified traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.631A	Unspecified traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.631B	Unspecified traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.64XA	Type III traumatic spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.64XB	Type III traumatic spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.650A	Other traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.650B	Other traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.651A	Other traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.651B	Other traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.690A	Other displaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.690B	Other displaced fracture of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.691A	Other nondisplaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.691B	Other nondisplaced fracture of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.8XXA	Fracture of other parts of neck, initial encounter	Diagnosis	ICD-10-CM
S12.9XXA	Fracture of neck, unspecified, initial encounter	Diagnosis	ICD-10-CM
S14.101A	Unspecified injury at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.102A	Unspecified injury at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.103A	Unspecified injury at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.104A	Unspecified injury at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.105A	Unspecified injury at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.106A	Unspecified injury at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.107A	Unspecified injury at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.109A	Unspecified injury at unspecified level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S14.111A	Complete lesion at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.112A	Complete lesion at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.113A	Complete lesion at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.114A	Complete lesion at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.115A	Complete lesion at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.116A	Complete lesion at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.117A	Complete lesion at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.121A	Central cord syndrome at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.122A	Central cord syndrome at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.123A	Central cord syndrome at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.124A	Central cord syndrome at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.125A	Central cord syndrome at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.126A	Central cord syndrome at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.127A	Central cord syndrome at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.131A	Anterior cord syndrome at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.132A	Anterior cord syndrome at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.133A	Anterior cord syndrome at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.134A	Anterior cord syndrome at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.135A	Anterior cord syndrome at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.136A	Anterior cord syndrome at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.137A	Anterior cord syndrome at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.151A	Other incomplete lesion at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.152A	Other incomplete lesion at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.153A	Other incomplete lesion at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.154A	Other incomplete lesion at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.155A	Other incomplete lesion at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.156A	Other incomplete lesion at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.157A	Other incomplete lesion at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S22.000A	Wedge compression fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.000B	Wedge compression fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.001A	Stable burst fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.001B	Stable burst fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.002A	Unstable burst fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.002B	Unstable burst fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S22.008A	Other fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.008B	Other fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.009A	Unspecified fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.009B	Unspecified fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.010A	Wedge compression fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.010B	Wedge compression fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.011A	Stable burst fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.011B	Stable burst fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.012A	Unstable burst fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.012B	Unstable burst fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.018A	Other fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.018B	Other fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.019A	Unspecified fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.019B	Unspecified fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.020A	Wedge compression fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.020B	Wedge compression fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.021A	Stable burst fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.021B	Stable burst fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.022A	Unstable burst fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.022B	Unstable burst fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.028A	Other fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.028B	Other fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.029A	Unspecified fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S22.029B	Unspecified fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.030A	Wedge compression fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.030B	Wedge compression fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.031A	Stable burst fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.031B	Stable burst fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.032A	Unstable burst fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.032B	Unstable burst fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.038A	Other fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.038B	Other fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.039A	Unspecified fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.039B	Unspecified fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.040A	Wedge compression fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.040B	Wedge compression fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.041A	Stable burst fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.041B	Stable burst fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.042A	Unstable burst fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.042B	Unstable burst fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.048A	Other fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.048B	Other fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.049A	Unspecified fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.049B	Unspecified fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.050A	Wedge compression fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.050B	Wedge compression fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S22.051A	Stable burst fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.051B	Stable burst fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.052A	Unstable burst fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.052B	Unstable burst fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.058A	Other fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.058B	Other fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.059A	Unspecified fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.059B	Unspecified fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.060A	Wedge compression fracture of T7-T8 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.060B	Wedge compression fracture of T7-T8 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.061A	Stable burst fracture of T7-T8 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.061B	Stable burst fracture of T7-T8 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.062A	Unstable burst fracture of T7-T8 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.062B	Unstable burst fracture of T7-T8 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.068A	Other fracture of T7-T8 thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.068B	Other fracture of T7-T8 thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.069A	Unspecified fracture of T7-T8 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.069B	Unspecified fracture of T7-T8 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.070A	Wedge compression fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.070B	Wedge compression fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.071A	Stable burst fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.071B	Stable burst fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.072A	Unstable burst fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.072B	Unstable burst fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.078A	Other fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.078B	Other fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.079A	Unspecified fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.079B	Unspecified fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.080A	Wedge compression fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.080B	Wedge compression fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.081A	Stable burst fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.081B	Stable burst fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.082A	Unstable burst fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.082B	Unstable burst fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S22.088A	Other fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.088B	Other fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.089A	Unspecified fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.089B	Unspecified fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.20XA	Unspecified fracture of sternum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.20XB	Unspecified fracture of sternum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.21XA	Fracture of manubrium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.21XB	Fracture of manubrium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.22XA	Fracture of body of sternum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.22XB	Fracture of body of sternum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.23XA	Sternal manubrial dissociation, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.23XB	Sternal manubrial dissociation, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.24XA	Fracture of xiphoid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.24XB	Fracture of xiphoid process, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.31XA	Fracture of one rib, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.31XB	Fracture of one rib, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.32XA	Fracture of one rib, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.32XB	Fracture of one rib, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.39XA	Fracture of one rib, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.39XB	Fracture of one rib, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.41XA	Multiple fractures of ribs, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.41XB	Multiple fractures of ribs, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.42XA	Multiple fractures of ribs, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.42XB	Multiple fractures of ribs, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.43XA	Multiple fractures of ribs, bilateral, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.43XB	Multiple fractures of ribs, bilateral, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.49XA	Multiple fractures of ribs, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.49XB	Multiple fractures of ribs, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.5XXA	Flail chest, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.5XXB	Flail chest, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.9XXA	Fracture of bony thorax, part unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.9XXB	Fracture of bony thorax, part unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
S24.101A	Unspecified injury at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.102A	Unspecified injury at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.103A	Unspecified injury at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.104A	Unspecified injury at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.109A	Unspecified injury at unspecified level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.111A	Complete lesion at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.112A	Complete lesion at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.113A	Complete lesion at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S24.114A	Complete lesion at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.131A	Anterior cord syndrome at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.132A	Anterior cord syndrome at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.133A	Anterior cord syndrome at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.134A	Anterior cord syndrome at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.151A	Other incomplete lesion at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.152A	Other incomplete lesion at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.153A	Other incomplete lesion at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.154A	Other incomplete lesion at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S32.000A	Wedge compression fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.000B	Wedge compression fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.001A	Stable burst fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.001B	Stable burst fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.002A	Unstable burst fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.002B	Unstable burst fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.008A	Other fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.008B	Other fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.009A	Unspecified fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.009B	Unspecified fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.010A	Wedge compression fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.010B	Wedge compression fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.011A	Stable burst fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.011B	Stable burst fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.012A	Unstable burst fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.012B	Unstable burst fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.018A	Other fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.018B	Other fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S32.019A	Unspecified fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.019B	Unspecified fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.020A	Wedge compression fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.020B	Wedge compression fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.021A	Stable burst fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.021B	Stable burst fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.022A	Unstable burst fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.022B	Unstable burst fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.028A	Other fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.028B	Other fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.029A	Unspecified fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.029B	Unspecified fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.030A	Wedge compression fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.030B	Wedge compression fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.031A	Stable burst fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.031B	Stable burst fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.032A	Unstable burst fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.032B	Unstable burst fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.038A	Other fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.038B	Other fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.039A	Unspecified fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.039B	Unspecified fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.040A	Wedge compression fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.040B	Wedge compression fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S32.041A	Stable burst fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.041B	Stable burst fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.042A	Unstable burst fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.042B	Unstable burst fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.048A	Other fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.048B	Other fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.049A	Unspecified fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.049B	Unspecified fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.050A	Wedge compression fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.050B	Wedge compression fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.051A	Stable burst fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.051B	Stable burst fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.052A	Unstable burst fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.052B	Unstable burst fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.058A	Other fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.058B	Other fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.059A	Unspecified fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.059B	Unspecified fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.10XA	Unspecified fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.10XB	Unspecified fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.110A	Nondisplaced Zone I fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.110B	Nondisplaced Zone I fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.111A	Minimally displaced Zone I fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.111B	Minimally displaced Zone I fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.112A	Severely displaced Zone I fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.112B	Severely displaced Zone I fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.119A	Unspecified Zone I fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.119B	Unspecified Zone I fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.120A	Nondisplaced Zone II fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S32.120B	Nondisplaced Zone II fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.121A	Minimally displaced Zone II fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.121B	Minimally displaced Zone II fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.122A	Severely displaced Zone II fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.122B	Severely displaced Zone II fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.129A	Unspecified Zone II fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.129B	Unspecified Zone II fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.130A	Nondisplaced Zone III fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.130B	Nondisplaced Zone III fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.131A	Minimally displaced Zone III fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.131B	Minimally displaced Zone III fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.132A	Severely displaced Zone III fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.132B	Severely displaced Zone III fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.139A	Unspecified Zone III fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.139B	Unspecified Zone III fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.14XA	Type 1 fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.14XB	Type 1 fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.15XA	Type 2 fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.15XB	Type 2 fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.16XA	Type 3 fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.16XB	Type 3 fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.17XA	Type 4 fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.17XB	Type 4 fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.19XA	Other fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.19XB	Other fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.2XXA	Fracture of coccyx, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.2XXB	Fracture of coccyx, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.301A	Unspecified fracture of right ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.301B	Unspecified fracture of right ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.302A	Unspecified fracture of left ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.302B	Unspecified fracture of left ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.309A	Unspecified fracture of unspecified ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.309B	Unspecified fracture of unspecified ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.311A	Displaced avulsion fracture of right ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.311B	Displaced avulsion fracture of right ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.312A	Displaced avulsion fracture of left ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.312B	Displaced avulsion fracture of left ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S32.313A	Displaced avulsion fracture of unspecified ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.313B	Displaced avulsion fracture of unspecified ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.314A	Nondisplaced avulsion fracture of right ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.314B	Nondisplaced avulsion fracture of right ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.315A	Nondisplaced avulsion fracture of left ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.315B	Nondisplaced avulsion fracture of left ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.316A	Nondisplaced avulsion fracture of unspecified ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.316B	Nondisplaced avulsion fracture of unspecified ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.391A	Other fracture of right ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.391B	Other fracture of right ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.392A	Other fracture of left ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.392B	Other fracture of left ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.399A	Other fracture of unspecified ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.399B	Other fracture of unspecified ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.401A	Unspecified fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.401B	Unspecified fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.402A	Unspecified fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.402B	Unspecified fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.409A	Unspecified fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.409B	Unspecified fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.411A	Displaced fracture of anterior wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.411B	Displaced fracture of anterior wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.412A	Displaced fracture of anterior wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.412B	Displaced fracture of anterior wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.413A	Displaced fracture of anterior wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.413B	Displaced fracture of anterior wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.414A	Nondisplaced fracture of anterior wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S32.414B	Nondisplaced fracture of anterior wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.415A	Nondisplaced fracture of anterior wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.415B	Nondisplaced fracture of anterior wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.416A	Nondisplaced fracture of anterior wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.416B	Nondisplaced fracture of anterior wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.421A	Displaced fracture of posterior wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.421B	Displaced fracture of posterior wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.422A	Displaced fracture of posterior wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.422B	Displaced fracture of posterior wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.423A	Displaced fracture of posterior wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.423B	Displaced fracture of posterior wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.424A	Nondisplaced fracture of posterior wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.424B	Nondisplaced fracture of posterior wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.425A	Nondisplaced fracture of posterior wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.425B	Nondisplaced fracture of posterior wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.426A	Nondisplaced fracture of posterior wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.426B	Nondisplaced fracture of posterior wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.431A	Displaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.431B	Displaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.432A	Displaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S32.432B	Displaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.433A	Displaced fracture of anterior column [iliopubic] of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.433B	Displaced fracture of anterior column [iliopubic] of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.434A	Nondisplaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.434B	Nondisplaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.435A	Nondisplaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.435B	Nondisplaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.436A	Nondisplaced fracture of anterior column [iliopubic] of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.436B	Nondisplaced fracture of anterior column [iliopubic] of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.441A	Displaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.441B	Displaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.442A	Displaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.442B	Displaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.443A	Displaced fracture of posterior column [ilioischial] of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.443B	Displaced fracture of posterior column [ilioischial] of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.444A	Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.444B	Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.445A	Nondisplaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.445B	Nondisplaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.446A	Nondisplaced fracture of posterior column [ilioischial] of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S32.446B	Nondisplaced fracture of posterior column [ilioischial] of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.451A	Displaced transverse fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.451B	Displaced transverse fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.452A	Displaced transverse fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.452B	Displaced transverse fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.453A	Displaced transverse fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.453B	Displaced transverse fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.454A	Nondisplaced transverse fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.454B	Nondisplaced transverse fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.455A	Nondisplaced transverse fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.455B	Nondisplaced transverse fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.456A	Nondisplaced transverse fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.456B	Nondisplaced transverse fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.461A	Displaced associated transverse-posterior fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.461B	Displaced associated transverse-posterior fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.462A	Displaced associated transverse-posterior fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.462B	Displaced associated transverse-posterior fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.463A	Displaced associated transverse-posterior fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.463B	Displaced associated transverse-posterior fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.464A	Nondisplaced associated transverse-posterior fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S32.464B	Nondisplaced associated transverse-posterior fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.465A	Nondisplaced associated transverse-posterior fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.465B	Nondisplaced associated transverse-posterior fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.466A	Nondisplaced associated transverse-posterior fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.466B	Nondisplaced associated transverse-posterior fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.471A	Displaced fracture of medial wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.471B	Displaced fracture of medial wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.472A	Displaced fracture of medial wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.472B	Displaced fracture of medial wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.473A	Displaced fracture of medial wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.473B	Displaced fracture of medial wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.474A	Nondisplaced fracture of medial wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.474B	Nondisplaced fracture of medial wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.475A	Nondisplaced fracture of medial wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.475B	Nondisplaced fracture of medial wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.476A	Nondisplaced fracture of medial wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.476B	Nondisplaced fracture of medial wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.481A	Displaced dome fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.481B	Displaced dome fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.482A	Displaced dome fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.482B	Displaced dome fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.483A	Displaced dome fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S32.483B	Displaced dome fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.484A	Nondisplaced dome fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.484B	Nondisplaced dome fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.485A	Nondisplaced dome fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.485B	Nondisplaced dome fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.486A	Nondisplaced dome fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.486B	Nondisplaced dome fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.491A	Other specified fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.491B	Other specified fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.492A	Other specified fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.492B	Other specified fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.499A	Other specified fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.499B	Other specified fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.501A	Unspecified fracture of right pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.501B	Unspecified fracture of right pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.502A	Unspecified fracture of left pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.502B	Unspecified fracture of left pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.509A	Unspecified fracture of unspecified pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.509B	Unspecified fracture of unspecified pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.511A	Fracture of superior rim of right pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.511B	Fracture of superior rim of right pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.512A	Fracture of superior rim of left pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.512B	Fracture of superior rim of left pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.519A	Fracture of superior rim of unspecified pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.519B	Fracture of superior rim of unspecified pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.591A	Other specified fracture of right pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.591B	Other specified fracture of right pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.592A	Other specified fracture of left pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.592B	Other specified fracture of left pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.599A	Other specified fracture of unspecified pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.599B	Other specified fracture of unspecified pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S32.601A	Unspecified fracture of right ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.601B	Unspecified fracture of right ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.602A	Unspecified fracture of left ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.602B	Unspecified fracture of left ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.609A	Unspecified fracture of unspecified ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.609B	Unspecified fracture of unspecified ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.611A	Displaced avulsion fracture of right ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.611B	Displaced avulsion fracture of right ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.612A	Displaced avulsion fracture of left ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.612B	Displaced avulsion fracture of left ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.613A	Displaced avulsion fracture of unspecified ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.613B	Displaced avulsion fracture of unspecified ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.614A	Nondisplaced avulsion fracture of right ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.614B	Nondisplaced avulsion fracture of right ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.615A	Nondisplaced avulsion fracture of left ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.615B	Nondisplaced avulsion fracture of left ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.616A	Nondisplaced avulsion fracture of unspecified ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.616B	Nondisplaced avulsion fracture of unspecified ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.691A	Other specified fracture of right ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.691B	Other specified fracture of right ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.692A	Other specified fracture of left ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.692B	Other specified fracture of left ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.699A	Other specified fracture of unspecified ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.699B	Other specified fracture of unspecified ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.810A	Multiple fractures of pelvis with stable disruption of pelvic ring, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.810B	Multiple fractures of pelvis with stable disruption of pelvic ring, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.811A	Multiple fractures of pelvis with unstable disruption of pelvic ring, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S32.811B	Multiple fractures of pelvis with unstable disruption of pelvic ring, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.82XA	Multiple fractures of pelvis without disruption of pelvic ring, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.82XB	Multiple fractures of pelvis without disruption of pelvic ring, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.89XA	Fracture of other parts of pelvis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.89XB	Fracture of other parts of pelvis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.9XXA	Fracture of unspecified parts of lumbosacral spine and pelvis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.9XXB	Fracture of unspecified parts of lumbosacral spine and pelvis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S34.101A	Unspecified injury to L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.102A	Unspecified injury to L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.103A	Unspecified injury to L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.104A	Unspecified injury to L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.105A	Unspecified injury to L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.109A	Unspecified injury to unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.111A	Complete lesion of L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.112A	Complete lesion of L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.113A	Complete lesion of L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.114A	Complete lesion of L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.115A	Complete lesion of L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.119A	Complete lesion of unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.121A	Incomplete lesion of L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.122A	Incomplete lesion of L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.123A	Incomplete lesion of L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.124A	Incomplete lesion of L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.125A	Incomplete lesion of L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.129A	Incomplete lesion of unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.131A	Complete lesion of sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.132A	Incomplete lesion of sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.139A	Unspecified injury to sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.3XXA	Injury of cauda equina, initial encounter	Diagnosis	ICD-10-CM
S42.001A	Fracture of unspecified part of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.001B	Fracture of unspecified part of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.002A	Fracture of unspecified part of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.002B	Fracture of unspecified part of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.009A	Fracture of unspecified part of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S42.009B	Fracture of unspecified part of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.011A	Anterior displaced fracture of sternal end of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.011B	Anterior displaced fracture of sternal end of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.012A	Anterior displaced fracture of sternal end of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.012B	Anterior displaced fracture of sternal end of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.013A	Anterior displaced fracture of sternal end of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.013B	Anterior displaced fracture of sternal end of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.014A	Posterior displaced fracture of sternal end of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.014B	Posterior displaced fracture of sternal end of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.015A	Posterior displaced fracture of sternal end of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.015B	Posterior displaced fracture of sternal end of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.016A	Posterior displaced fracture of sternal end of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.016B	Posterior displaced fracture of sternal end of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.017A	Nondisplaced fracture of sternal end of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.017B	Nondisplaced fracture of sternal end of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.018A	Nondisplaced fracture of sternal end of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.018B	Nondisplaced fracture of sternal end of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.019A	Nondisplaced fracture of sternal end of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.019B	Nondisplaced fracture of sternal end of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.021A	Displaced fracture of shaft of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.021B	Displaced fracture of shaft of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S42.022A	Displaced fracture of shaft of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.022B	Displaced fracture of shaft of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.023A	Displaced fracture of shaft of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.023B	Displaced fracture of shaft of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.024A	Nondisplaced fracture of shaft of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.024B	Nondisplaced fracture of shaft of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.025A	Nondisplaced fracture of shaft of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.025B	Nondisplaced fracture of shaft of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.026A	Nondisplaced fracture of shaft of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.026B	Nondisplaced fracture of shaft of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.031A	Displaced fracture of lateral end of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.031B	Displaced fracture of lateral end of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.032A	Displaced fracture of lateral end of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.032B	Displaced fracture of lateral end of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.033A	Displaced fracture of lateral end of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.033B	Displaced fracture of lateral end of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.034A	Nondisplaced fracture of lateral end of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.034B	Nondisplaced fracture of lateral end of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.035A	Nondisplaced fracture of lateral end of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.035B	Nondisplaced fracture of lateral end of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.036A	Nondisplaced fracture of lateral end of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.036B	Nondisplaced fracture of lateral end of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.101A	Fracture of unspecified part of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S42.101B	Fracture of unspecified part of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.102A	Fracture of unspecified part of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.102B	Fracture of unspecified part of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.109A	Fracture of unspecified part of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.109B	Fracture of unspecified part of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.111A	Displaced fracture of body of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.111B	Displaced fracture of body of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.112A	Displaced fracture of body of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.112B	Displaced fracture of body of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.113A	Displaced fracture of body of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.113B	Displaced fracture of body of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.114A	Nondisplaced fracture of body of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.114B	Nondisplaced fracture of body of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.115A	Nondisplaced fracture of body of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.115B	Nondisplaced fracture of body of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.116A	Nondisplaced fracture of body of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.116B	Nondisplaced fracture of body of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.121A	Displaced fracture of acromial process, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.121B	Displaced fracture of acromial process, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.122A	Displaced fracture of acromial process, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S42.122B	Displaced fracture of acromial process, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.123A	Displaced fracture of acromial process, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.123B	Displaced fracture of acromial process, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.124A	Nondisplaced fracture of acromial process, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.124B	Nondisplaced fracture of acromial process, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.125A	Nondisplaced fracture of acromial process, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.125B	Nondisplaced fracture of acromial process, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.126A	Nondisplaced fracture of acromial process, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.126B	Nondisplaced fracture of acromial process, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.131A	Displaced fracture of coracoid process, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.131B	Displaced fracture of coracoid process, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.132A	Displaced fracture of coracoid process, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.132B	Displaced fracture of coracoid process, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.133A	Displaced fracture of coracoid process, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.133B	Displaced fracture of coracoid process, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.134A	Nondisplaced fracture of coracoid process, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.134B	Nondisplaced fracture of coracoid process, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.135A	Nondisplaced fracture of coracoid process, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.135B	Nondisplaced fracture of coracoid process, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.136A	Nondisplaced fracture of coracoid process, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S42.136B	Nondisplaced fracture of coracoid process, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.141A	Displaced fracture of glenoid cavity of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.141B	Displaced fracture of glenoid cavity of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.142A	Displaced fracture of glenoid cavity of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.142B	Displaced fracture of glenoid cavity of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.143A	Displaced fracture of glenoid cavity of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.143B	Displaced fracture of glenoid cavity of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.144A	Nondisplaced fracture of glenoid cavity of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.144B	Nondisplaced fracture of glenoid cavity of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.145A	Nondisplaced fracture of glenoid cavity of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.145B	Nondisplaced fracture of glenoid cavity of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.146A	Nondisplaced fracture of glenoid cavity of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.146B	Nondisplaced fracture of glenoid cavity of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.151A	Displaced fracture of neck of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.151B	Displaced fracture of neck of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.152A	Displaced fracture of neck of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.152B	Displaced fracture of neck of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.153A	Displaced fracture of neck of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.153B	Displaced fracture of neck of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.154A	Nondisplaced fracture of neck of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S42.154B	Nondisplaced fracture of neck of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.155A	Nondisplaced fracture of neck of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.155B	Nondisplaced fracture of neck of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.156A	Nondisplaced fracture of neck of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.156B	Nondisplaced fracture of neck of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.191A	Fracture of other part of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.191B	Fracture of other part of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.192A	Fracture of other part of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.192B	Fracture of other part of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.199A	Fracture of other part of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.199B	Fracture of other part of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.201A	Unspecified fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.201B	Unspecified fracture of upper end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.202A	Unspecified fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.202B	Unspecified fracture of upper end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.209A	Unspecified fracture of upper end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.209B	Unspecified fracture of upper end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.211A	Unspecified displaced fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.211B	Unspecified displaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.212A	Unspecified displaced fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S42.212B	Unspecified displaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.213A	Unspecified displaced fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.213B	Unspecified displaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.214A	Unspecified nondisplaced fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.214B	Unspecified nondisplaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.215A	Unspecified nondisplaced fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.215B	Unspecified nondisplaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.216A	Unspecified nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.216B	Unspecified nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.221A	2-part displaced fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.221B	2-part displaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.222A	2-part displaced fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.222B	2-part displaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.223A	2-part displaced fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.223B	2-part displaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.224A	2-part nondisplaced fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.224B	2-part nondisplaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.225A	2-part nondisplaced fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.225B	2-part nondisplaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.226A	2-part nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S42.226B	2-part nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.231A	3-part fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.231B	3-part fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.232A	3-part fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.232B	3-part fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.239A	3-part fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.239B	3-part fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.241A	4-part fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.241B	4-part fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.242A	4-part fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.242B	4-part fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.249A	4-part fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.249B	4-part fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.251A	Displaced fracture of greater tuberosity of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.251B	Displaced fracture of greater tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.252A	Displaced fracture of greater tuberosity of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.252B	Displaced fracture of greater tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.253A	Displaced fracture of greater tuberosity of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.253B	Displaced fracture of greater tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.254A	Nondisplaced fracture of greater tuberosity of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S42.254B	Nondisplaced fracture of greater tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.255A	Nondisplaced fracture of greater tuberosity of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.255B	Nondisplaced fracture of greater tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.256A	Nondisplaced fracture of greater tuberosity of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.256B	Nondisplaced fracture of greater tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.261A	Displaced fracture of lesser tuberosity of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.261B	Displaced fracture of lesser tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.262A	Displaced fracture of lesser tuberosity of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.262B	Displaced fracture of lesser tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.263A	Displaced fracture of lesser tuberosity of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.263B	Displaced fracture of lesser tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.264A	Nondisplaced fracture of lesser tuberosity of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.264B	Nondisplaced fracture of lesser tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.265A	Nondisplaced fracture of lesser tuberosity of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.265B	Nondisplaced fracture of lesser tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.266A	Nondisplaced fracture of lesser tuberosity of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.266B	Nondisplaced fracture of lesser tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.271A	Torus fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.272A	Torus fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.279A	Torus fracture of upper end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.291A	Other displaced fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S42.291B	Other displaced fracture of upper end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.292A	Other displaced fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.292B	Other displaced fracture of upper end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.293A	Other displaced fracture of upper end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.293B	Other displaced fracture of upper end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.294A	Other nondisplaced fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.294B	Other nondisplaced fracture of upper end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.295A	Other nondisplaced fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.295B	Other nondisplaced fracture of upper end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.296A	Other nondisplaced fracture of upper end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.296B	Other nondisplaced fracture of upper end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.301A	Unspecified fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.301B	Unspecified fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.302A	Unspecified fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.302B	Unspecified fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.309A	Unspecified fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.309B	Unspecified fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.311A	Greenstick fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.312A	Greenstick fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.319A	Greenstick fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S42.321A	Displaced transverse fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.321B	Displaced transverse fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.322A	Displaced transverse fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.322B	Displaced transverse fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.323A	Displaced transverse fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.323B	Displaced transverse fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.324A	Nondisplaced transverse fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.324B	Nondisplaced transverse fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.325A	Nondisplaced transverse fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.325B	Nondisplaced transverse fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.326A	Nondisplaced transverse fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.326B	Nondisplaced transverse fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.331A	Displaced oblique fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.331B	Displaced oblique fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.332A	Displaced oblique fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.332B	Displaced oblique fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.333A	Displaced oblique fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.333B	Displaced oblique fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.334A	Nondisplaced oblique fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.334B	Nondisplaced oblique fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S42.335A	Nondisplaced oblique fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.335B	Nondisplaced oblique fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.336A	Nondisplaced oblique fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.336B	Nondisplaced oblique fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.341A	Displaced spiral fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.341B	Displaced spiral fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.342A	Displaced spiral fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.342B	Displaced spiral fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.343A	Displaced spiral fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.343B	Displaced spiral fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.344A	Nondisplaced spiral fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.344B	Nondisplaced spiral fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.345A	Nondisplaced spiral fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.345B	Nondisplaced spiral fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.346A	Nondisplaced spiral fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.346B	Nondisplaced spiral fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.351A	Displaced comminuted fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.351B	Displaced comminuted fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.352A	Displaced comminuted fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.352B	Displaced comminuted fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S42.353A	Displaced comminuted fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.353B	Displaced comminuted fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.354A	Nondisplaced comminuted fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.354B	Nondisplaced comminuted fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.355A	Nondisplaced comminuted fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.355B	Nondisplaced comminuted fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.356A	Nondisplaced comminuted fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.356B	Nondisplaced comminuted fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.361A	Displaced segmental fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.361B	Displaced segmental fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.362A	Displaced segmental fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.362B	Displaced segmental fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.363A	Displaced segmental fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.363B	Displaced segmental fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.364A	Nondisplaced segmental fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.364B	Nondisplaced segmental fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.365A	Nondisplaced segmental fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.365B	Nondisplaced segmental fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.366A	Nondisplaced segmental fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.366B	Nondisplaced segmental fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S42.391A	Other fracture of shaft of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.391B	Other fracture of shaft of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.392A	Other fracture of shaft of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.392B	Other fracture of shaft of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.399A	Other fracture of shaft of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.399B	Other fracture of shaft of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.401A	Unspecified fracture of lower end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.401B	Unspecified fracture of lower end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.402A	Unspecified fracture of lower end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.402B	Unspecified fracture of lower end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.409A	Unspecified fracture of lower end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.409B	Unspecified fracture of lower end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.411A	Displaced simple supracondylar fracture without intercondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.411B	Displaced simple supracondylar fracture without intercondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.412A	Displaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.412B	Displaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.413A	Displaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.413B	Displaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.414A	Nondisplaced simple supracondylar fracture without intercondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.414B	Nondisplaced simple supracondylar fracture without intercondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.415A	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.415B	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S42.416A	Nondisplaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.416B	Nondisplaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.421A	Displaced comminuted supracondylar fracture without intercondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.421B	Displaced comminuted supracondylar fracture without intercondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.422A	Displaced comminuted supracondylar fracture without intercondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.422B	Displaced comminuted supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.423A	Displaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.423B	Displaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.424A	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.424B	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.425A	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.425B	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.426A	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.426B	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.431A	Displaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.431B	Displaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.432A	Displaced fracture (avulsion) of lateral epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.432B	Displaced fracture (avulsion) of lateral epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.433A	Displaced fracture (avulsion) of lateral epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.433B	Displaced fracture (avulsion) of lateral epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S42.434A	Nondisplaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.434B	Nondisplaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.435A	Nondisplaced fracture (avulsion) of lateral epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.435B	Nondisplaced fracture (avulsion) of lateral epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.436A	Nondisplaced fracture (avulsion) of lateral epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.436B	Nondisplaced fracture (avulsion) of lateral epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.441A	Displaced fracture (avulsion) of medial epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.441B	Displaced fracture (avulsion) of medial epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.442A	Displaced fracture (avulsion) of medial epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.442B	Displaced fracture (avulsion) of medial epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.443A	Displaced fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.443B	Displaced fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.444A	Nondisplaced fracture (avulsion) of medial epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.444B	Nondisplaced fracture (avulsion) of medial epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.445A	Nondisplaced fracture (avulsion) of medial epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.445B	Nondisplaced fracture (avulsion) of medial epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.446A	Nondisplaced fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.446B	Nondisplaced fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.447A	Incarcerated fracture (avulsion) of medial epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.447B	Incarcerated fracture (avulsion) of medial epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S42.448A	Incarcerated fracture (avulsion) of medial epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.448B	Incarcerated fracture (avulsion) of medial epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.449A	Incarcerated fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.449B	Incarcerated fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.451A	Displaced fracture of lateral condyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.451B	Displaced fracture of lateral condyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.452A	Displaced fracture of lateral condyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.452B	Displaced fracture of lateral condyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.453A	Displaced fracture of lateral condyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.453B	Displaced fracture of lateral condyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.454A	Nondisplaced fracture of lateral condyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.454B	Nondisplaced fracture of lateral condyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.455A	Nondisplaced fracture of lateral condyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.455B	Nondisplaced fracture of lateral condyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.456A	Nondisplaced fracture of lateral condyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.456B	Nondisplaced fracture of lateral condyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.461A	Displaced fracture of medial condyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.461B	Displaced fracture of medial condyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.462A	Displaced fracture of medial condyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.462B	Displaced fracture of medial condyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S42.463A	Displaced fracture of medial condyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.463B	Displaced fracture of medial condyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.464A	Nondisplaced fracture of medial condyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.464B	Nondisplaced fracture of medial condyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.465A	Nondisplaced fracture of medial condyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.465B	Nondisplaced fracture of medial condyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.466A	Nondisplaced fracture of medial condyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.466B	Nondisplaced fracture of medial condyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.471A	Displaced transcondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.471B	Displaced transcondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.472A	Displaced transcondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.472B	Displaced transcondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.473A	Displaced transcondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.473B	Displaced transcondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.474A	Nondisplaced transcondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.474B	Nondisplaced transcondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.475A	Nondisplaced transcondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.475B	Nondisplaced transcondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.476A	Nondisplaced transcondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.476B	Nondisplaced transcondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S42.481A	Torus fracture of lower end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.482A	Torus fracture of lower end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.489A	Torus fracture of lower end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.491A	Other displaced fracture of lower end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.491B	Other displaced fracture of lower end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.492A	Other displaced fracture of lower end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.492B	Other displaced fracture of lower end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.493A	Other displaced fracture of lower end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.493B	Other displaced fracture of lower end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.494A	Other nondisplaced fracture of lower end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.494B	Other nondisplaced fracture of lower end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.495A	Other nondisplaced fracture of lower end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.495B	Other nondisplaced fracture of lower end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.496A	Other nondisplaced fracture of lower end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.496B	Other nondisplaced fracture of lower end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.90XA	Fracture of unspecified shoulder girdle, part unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.90XB	Fracture of unspecified shoulder girdle, part unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.91XA	Fracture of right shoulder girdle, part unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.91XB	Fracture of right shoulder girdle, part unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.92XA	Fracture of left shoulder girdle, part unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.92XB	Fracture of left shoulder girdle, part unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S49.001A	Unspecified physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.002A	Unspecified physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.009A	Unspecified physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.011A	Salter-Harris Type I physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.012A	Salter-Harris Type I physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.019A	Salter-Harris Type I physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.021A	Salter-Harris Type II physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.022A	Salter-Harris Type II physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.029A	Salter-Harris Type II physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.031A	Salter-Harris Type III physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.032A	Salter-Harris Type III physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.039A	Salter-Harris Type III physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.041A	Salter-Harris Type IV physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.042A	Salter-Harris Type IV physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.049A	Salter-Harris Type IV physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.091A	Other physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.092A	Other physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.099A	Other physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.101A	Unspecified physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.102A	Unspecified physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S49.109A	Unspecified physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.111A	Salter-Harris Type I physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.112A	Salter-Harris Type I physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.119A	Salter-Harris Type I physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.121A	Salter-Harris Type II physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.122A	Salter-Harris Type II physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.129A	Salter-Harris Type II physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.131A	Salter-Harris Type III physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.132A	Salter-Harris Type III physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.139A	Salter-Harris Type III physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.141A	Salter-Harris Type IV physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.142A	Salter-Harris Type IV physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.149A	Salter-Harris Type IV physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.191A	Other physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.192A	Other physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.199A	Other physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.001A	Unspecified fracture of upper end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.001B	Unspecified fracture of upper end of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.001C	Unspecified fracture of upper end of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.002A	Unspecified fracture of upper end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.002B	Unspecified fracture of upper end of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.002C	Unspecified fracture of upper end of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.009A	Unspecified fracture of upper end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.009B	Unspecified fracture of upper end of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.009C	Unspecified fracture of upper end of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.011A	Torus fracture of upper end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.012A	Torus fracture of upper end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.019A	Torus fracture of upper end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.021A	Displaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.021B	Displaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.021C	Displaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.022A	Displaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.022B	Displaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.022C	Displaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.023A	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.023B	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.023C	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.024A	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.024B	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.024C	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.025A	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.025B	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.025C	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.026A	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.026B	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.026C	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.031A	Displaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.031B	Displaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.031C	Displaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.032A	Displaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.032B	Displaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.032C	Displaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.033A	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.033B	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.033C	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.034A	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.034B	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.034C	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.035A	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.035B	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.035C	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.036A	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.036B	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.036C	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.041A	Displaced fracture of coronoid process of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.041B	Displaced fracture of coronoid process of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.041C	Displaced fracture of coronoid process of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.042A	Displaced fracture of coronoid process of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.042B	Displaced fracture of coronoid process of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.042C	Displaced fracture of coronoid process of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.043A	Displaced fracture of coronoid process of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.043B	Displaced fracture of coronoid process of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.043C	Displaced fracture of coronoid process of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.044A	Nondisplaced fracture of coronoid process of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.044B	Nondisplaced fracture of coronoid process of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.044C	Nondisplaced fracture of coronoid process of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.045A	Nondisplaced fracture of coronoid process of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.045B	Nondisplaced fracture of coronoid process of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.045C	Nondisplaced fracture of coronoid process of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.046A	Nondisplaced fracture of coronoid process of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.046B	Nondisplaced fracture of coronoid process of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.046C	Nondisplaced fracture of coronoid process of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.091A	Other fracture of upper end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.091B	Other fracture of upper end of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.091C	Other fracture of upper end of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.092A	Other fracture of upper end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.092B	Other fracture of upper end of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.092C	Other fracture of upper end of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.099A	Other fracture of upper end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.099B	Other fracture of upper end of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.099C	Other fracture of upper end of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.101A	Unspecified fracture of upper end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.101B	Unspecified fracture of upper end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.101C	Unspecified fracture of upper end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.102A	Unspecified fracture of upper end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.102B	Unspecified fracture of upper end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.102C	Unspecified fracture of upper end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.109A	Unspecified fracture of upper end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.109B	Unspecified fracture of upper end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.109C	Unspecified fracture of upper end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.111A	Torus fracture of upper end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.112A	Torus fracture of upper end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.119A	Torus fracture of upper end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.121A	Displaced fracture of head of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.121B	Displaced fracture of head of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.121C	Displaced fracture of head of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.122A	Displaced fracture of head of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.122B	Displaced fracture of head of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.122C	Displaced fracture of head of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.123A	Displaced fracture of head of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.123B	Displaced fracture of head of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.123C	Displaced fracture of head of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.124A	Nondisplaced fracture of head of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.124B	Nondisplaced fracture of head of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.124C	Nondisplaced fracture of head of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.125A	Nondisplaced fracture of head of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.125B	Nondisplaced fracture of head of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.125C	Nondisplaced fracture of head of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.126A	Nondisplaced fracture of head of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.126B	Nondisplaced fracture of head of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.126C	Nondisplaced fracture of head of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.131A	Displaced fracture of neck of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.131B	Displaced fracture of neck of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.131C	Displaced fracture of neck of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.132A	Displaced fracture of neck of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.132B	Displaced fracture of neck of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.132C	Displaced fracture of neck of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.133A	Displaced fracture of neck of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.133B	Displaced fracture of neck of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.133C	Displaced fracture of neck of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.134A	Nondisplaced fracture of neck of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.134B	Nondisplaced fracture of neck of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.134C	Nondisplaced fracture of neck of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.135A	Nondisplaced fracture of neck of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.135B	Nondisplaced fracture of neck of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.135C	Nondisplaced fracture of neck of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.136A	Nondisplaced fracture of neck of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.136B	Nondisplaced fracture of neck of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.136C	Nondisplaced fracture of neck of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.181A	Other fracture of upper end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.181B	Other fracture of upper end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.181C	Other fracture of upper end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.182A	Other fracture of upper end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.182B	Other fracture of upper end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.182C	Other fracture of upper end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.189A	Other fracture of upper end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.189B	Other fracture of upper end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.189C	Other fracture of upper end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.201A	Unspecified fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.201B	Unspecified fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.201C	Unspecified fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.202A	Unspecified fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.202B	Unspecified fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.202C	Unspecified fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.209A	Unspecified fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.209B	Unspecified fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.209C	Unspecified fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.211A	Greenstick fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.212A	Greenstick fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.219A	Greenstick fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.221A	Displaced transverse fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.221B	Displaced transverse fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.221C	Displaced transverse fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.222A	Displaced transverse fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.222B	Displaced transverse fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.222C	Displaced transverse fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.223A	Displaced transverse fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.223B	Displaced transverse fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.223C	Displaced transverse fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.224A	Nondisplaced transverse fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.224B	Nondisplaced transverse fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.224C	Nondisplaced transverse fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.225A	Nondisplaced transverse fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.225B	Nondisplaced transverse fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.225C	Nondisplaced transverse fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.226A	Nondisplaced transverse fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.226B	Nondisplaced transverse fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.226C	Nondisplaced transverse fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.231A	Displaced oblique fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.231B	Displaced oblique fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.231C	Displaced oblique fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.232A	Displaced oblique fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.232B	Displaced oblique fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.232C	Displaced oblique fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.233A	Displaced oblique fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.233B	Displaced oblique fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.233C	Displaced oblique fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.234A	Nondisplaced oblique fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.234B	Nondisplaced oblique fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.234C	Nondisplaced oblique fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.235A	Nondisplaced oblique fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.235B	Nondisplaced oblique fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.235C	Nondisplaced oblique fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.236A	Nondisplaced oblique fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.236B	Nondisplaced oblique fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.236C	Nondisplaced oblique fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.241A	Displaced spiral fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.241B	Displaced spiral fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.241C	Displaced spiral fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.242A	Displaced spiral fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.242B	Displaced spiral fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.242C	Displaced spiral fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.243A	Displaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.243B	Displaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.243C	Displaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.244A	Nondisplaced spiral fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.244B	Nondisplaced spiral fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.244C	Nondisplaced spiral fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.245A	Nondisplaced spiral fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.245B	Nondisplaced spiral fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.245C	Nondisplaced spiral fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.246A	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.246B	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.246C	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.251A	Displaced comminuted fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.251B	Displaced comminuted fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.251C	Displaced comminuted fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.252A	Displaced comminuted fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.252B	Displaced comminuted fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.252C	Displaced comminuted fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.253A	Displaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.253B	Displaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.253C	Displaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.254A	Nondisplaced comminuted fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.254B	Nondisplaced comminuted fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.254C	Nondisplaced comminuted fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.255A	Nondisplaced comminuted fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.255B	Nondisplaced comminuted fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.255C	Nondisplaced comminuted fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.256A	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.256B	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.256C	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.261A	Displaced segmental fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.261B	Displaced segmental fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.261C	Displaced segmental fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.262A	Displaced segmental fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.262B	Displaced segmental fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.262C	Displaced segmental fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.263A	Displaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.263B	Displaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.263C	Displaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.264A	Nondisplaced segmental fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.264B	Nondisplaced segmental fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.264C	Nondisplaced segmental fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.265A	Nondisplaced segmental fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.265B	Nondisplaced segmental fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.265C	Nondisplaced segmental fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.266A	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.266B	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.266C	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.271A	Monteggia's fracture of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.271B	Monteggia's fracture of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.271C	Monteggia's fracture of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.272A	Monteggia's fracture of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.272B	Monteggia's fracture of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.272C	Monteggia's fracture of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.279A	Monteggia's fracture of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.279B	Monteggia's fracture of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.279C	Monteggia's fracture of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.281A	Bent bone of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.281B	Bent bone of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.281C	Bent bone of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.282A	Bent bone of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.282B	Bent bone of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.282C	Bent bone of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.283A	Bent bone of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.283B	Bent bone of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.283C	Bent bone of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.291A	Other fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.291B	Other fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.291C	Other fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.292A	Other fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.292B	Other fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.292C	Other fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.299A	Other fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.299B	Other fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.299C	Other fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.301A	Unspecified fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.301B	Unspecified fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.301C	Unspecified fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.302A	Unspecified fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.302B	Unspecified fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.302C	Unspecified fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.309A	Unspecified fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.309B	Unspecified fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.309C	Unspecified fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.311A	Greenstick fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.312A	Greenstick fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.319A	Greenstick fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.321A	Displaced transverse fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.321B	Displaced transverse fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.321C	Displaced transverse fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.322A	Displaced transverse fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.322B	Displaced transverse fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.322C	Displaced transverse fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.323A	Displaced transverse fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.323B	Displaced transverse fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.323C	Displaced transverse fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.324A	Nondisplaced transverse fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.324B	Nondisplaced transverse fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.324C	Nondisplaced transverse fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.325A	Nondisplaced transverse fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.325B	Nondisplaced transverse fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.325C	Nondisplaced transverse fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.326A	Nondisplaced transverse fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.326B	Nondisplaced transverse fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.326C	Nondisplaced transverse fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.331A	Displaced oblique fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.331B	Displaced oblique fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.331C	Displaced oblique fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.332A	Displaced oblique fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.332B	Displaced oblique fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.332C	Displaced oblique fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.333A	Displaced oblique fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.333B	Displaced oblique fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.333C	Displaced oblique fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.334A	Nondisplaced oblique fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.334B	Nondisplaced oblique fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.334C	Nondisplaced oblique fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.335A	Nondisplaced oblique fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.335B	Nondisplaced oblique fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.335C	Nondisplaced oblique fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.336A	Nondisplaced oblique fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.336B	Nondisplaced oblique fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.336C	Nondisplaced oblique fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.341A	Displaced spiral fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.341B	Displaced spiral fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.341C	Displaced spiral fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.342A	Displaced spiral fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.342B	Displaced spiral fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.342C	Displaced spiral fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.343A	Displaced spiral fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.343B	Displaced spiral fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.343C	Displaced spiral fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.344A	Nondisplaced spiral fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.344B	Nondisplaced spiral fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.344C	Nondisplaced spiral fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.345A	Nondisplaced spiral fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.345B	Nondisplaced spiral fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.345C	Nondisplaced spiral fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.346A	Nondisplaced spiral fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.346B	Nondisplaced spiral fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.346C	Nondisplaced spiral fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.351A	Displaced comminuted fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.351B	Displaced comminuted fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.351C	Displaced comminuted fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.352A	Displaced comminuted fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.352B	Displaced comminuted fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.352C	Displaced comminuted fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.353A	Displaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.353B	Displaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.353C	Displaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.354A	Nondisplaced comminuted fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.354B	Nondisplaced comminuted fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.354C	Nondisplaced comminuted fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.355A	Nondisplaced comminuted fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.355B	Nondisplaced comminuted fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.355C	Nondisplaced comminuted fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.356A	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.356B	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.356C	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.361A	Displaced segmental fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.361B	Displaced segmental fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.361C	Displaced segmental fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.362A	Displaced segmental fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.362B	Displaced segmental fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.362C	Displaced segmental fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.363A	Displaced segmental fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.363B	Displaced segmental fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.363C	Displaced segmental fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.364A	Nondisplaced segmental fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.364B	Nondisplaced segmental fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.364C	Nondisplaced segmental fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.365A	Nondisplaced segmental fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.365B	Nondisplaced segmental fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.365C	Nondisplaced segmental fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.366A	Nondisplaced segmental fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.366B	Nondisplaced segmental fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.366C	Nondisplaced segmental fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.371A	Galeazzi's fracture of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.371B	Galeazzi's fracture of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.371C	Galeazzi's fracture of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.372A	Galeazzi's fracture of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.372B	Galeazzi's fracture of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.372C	Galeazzi's fracture of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.379A	Galeazzi's fracture of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.379B	Galeazzi's fracture of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.379C	Galeazzi's fracture of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.381A	Bent bone of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.381B	Bent bone of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.381C	Bent bone of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.382A	Bent bone of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.382B	Bent bone of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.382C	Bent bone of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.389A	Bent bone of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.389B	Bent bone of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.389C	Bent bone of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.391A	Other fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.391B	Other fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.391C	Other fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.392A	Other fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.392B	Other fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.392C	Other fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.399A	Other fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.399B	Other fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.399C	Other fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.501A	Unspecified fracture of the lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.501B	Unspecified fracture of the lower end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.501C	Unspecified fracture of the lower end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.502A	Unspecified fracture of the lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.502B	Unspecified fracture of the lower end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.502C	Unspecified fracture of the lower end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.509A	Unspecified fracture of the lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.509B	Unspecified fracture of the lower end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.509C	Unspecified fracture of the lower end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.511A	Displaced fracture of right radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.511B	Displaced fracture of right radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.511C	Displaced fracture of right radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.512A	Displaced fracture of left radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.512B	Displaced fracture of left radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.512C	Displaced fracture of left radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.513A	Displaced fracture of unspecified radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.513B	Displaced fracture of unspecified radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.513C	Displaced fracture of unspecified radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.514A	Nondisplaced fracture of right radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.514B	Nondisplaced fracture of right radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.514C	Nondisplaced fracture of right radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.515A	Nondisplaced fracture of left radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.515B	Nondisplaced fracture of left radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.515C	Nondisplaced fracture of left radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.516A	Nondisplaced fracture of unspecified radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.516B	Nondisplaced fracture of unspecified radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.516C	Nondisplaced fracture of unspecified radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.521A	Torus fracture of lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.522A	Torus fracture of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.529A	Torus fracture of lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.531A	Colles' fracture of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.531B	Colles' fracture of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.531C	Colles' fracture of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.532A	Colles' fracture of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.532B	Colles' fracture of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.532C	Colles' fracture of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.539A	Colles' fracture of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.539B	Colles' fracture of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.539C	Colles' fracture of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.541A	Smith's fracture of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.541B	Smith's fracture of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.541C	Smith's fracture of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.542A	Smith's fracture of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.542B	Smith's fracture of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.542C	Smith's fracture of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.549A	Smith's fracture of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.549B	Smith's fracture of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.549C	Smith's fracture of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.551A	Other extraarticular fracture of lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.551B	Other extraarticular fracture of lower end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.551C	Other extraarticular fracture of lower end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.552A	Other extraarticular fracture of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.552B	Other extraarticular fracture of lower end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.552C	Other extraarticular fracture of lower end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.559A	Other extraarticular fracture of lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.559B	Other extraarticular fracture of lower end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.559C	Other extraarticular fracture of lower end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.561A	Barton's fracture of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.561B	Barton's fracture of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.561C	Barton's fracture of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.562A	Barton's fracture of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.562B	Barton's fracture of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.562C	Barton's fracture of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.569A	Barton's fracture of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.569B	Barton's fracture of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.569C	Barton's fracture of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.571A	Other intraarticular fracture of lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.571B	Other intraarticular fracture of lower end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.571C	Other intraarticular fracture of lower end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.572A	Other intraarticular fracture of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.572B	Other intraarticular fracture of lower end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.572C	Other intraarticular fracture of lower end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.579A	Other intraarticular fracture of lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.579B	Other intraarticular fracture of lower end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.579C	Other intraarticular fracture of lower end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.591A	Other fractures of lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.591B	Other fractures of lower end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.591C	Other fractures of lower end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.592A	Other fractures of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.592B	Other fractures of lower end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.592C	Other fractures of lower end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.599A	Other fractures of lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.599B	Other fractures of lower end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.599C	Other fractures of lower end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.601A	Unspecified fracture of lower end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.601B	Unspecified fracture of lower end of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.601C	Unspecified fracture of lower end of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.602A	Unspecified fracture of lower end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.602B	Unspecified fracture of lower end of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.602C	Unspecified fracture of lower end of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.609A	Unspecified fracture of lower end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.609B	Unspecified fracture of lower end of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.609C	Unspecified fracture of lower end of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.611A	Displaced fracture of right ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.611B	Displaced fracture of right ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.611C	Displaced fracture of right ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.612A	Displaced fracture of left ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.612B	Displaced fracture of left ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.612C	Displaced fracture of left ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.613A	Displaced fracture of unspecified ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.613B	Displaced fracture of unspecified ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.613C	Displaced fracture of unspecified ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.614A	Nondisplaced fracture of right ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.614B	Nondisplaced fracture of right ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.614C	Nondisplaced fracture of right ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.615A	Nondisplaced fracture of left ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.615B	Nondisplaced fracture of left ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.615C	Nondisplaced fracture of left ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.616A	Nondisplaced fracture of unspecified ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S52.616B	Nondisplaced fracture of unspecified ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.616C	Nondisplaced fracture of unspecified ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.621A	Torus fracture of lower end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.622A	Torus fracture of lower end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.629A	Torus fracture of lower end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.691A	Other fracture of lower end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.691B	Other fracture of lower end of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.691C	Other fracture of lower end of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.692A	Other fracture of lower end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.692B	Other fracture of lower end of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.692C	Other fracture of lower end of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.699A	Other fracture of lower end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.699B	Other fracture of lower end of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.699C	Other fracture of lower end of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.90XA	Unspecified fracture of unspecified forearm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.90XB	Unspecified fracture of unspecified forearm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.90XC	Unspecified fracture of unspecified forearm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.91XA	Unspecified fracture of right forearm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.91XB	Unspecified fracture of right forearm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.91XC	Unspecified fracture of right forearm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.92XA	Unspecified fracture of left forearm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.92XB	Unspecified fracture of left forearm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.92XC	Unspecified fracture of left forearm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S59.001A	Unspecified physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S59.002A	Unspecified physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.009A	Unspecified physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.011A	Salter-Harris Type I physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.012A	Salter-Harris Type I physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.019A	Salter-Harris Type I physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.021A	Salter-Harris Type II physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.022A	Salter-Harris Type II physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.029A	Salter-Harris Type II physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.031A	Salter-Harris Type III physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.032A	Salter-Harris Type III physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.039A	Salter-Harris Type III physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.041A	Salter-Harris Type IV physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.042A	Salter-Harris Type IV physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.049A	Salter-Harris Type IV physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.091A	Other physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.092A	Other physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.099A	Other physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.101A	Unspecified physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.102A	Unspecified physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.109A	Unspecified physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S59.111A	Salter-Harris Type I physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.112A	Salter-Harris Type I physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.119A	Salter-Harris Type I physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.121A	Salter-Harris Type II physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.122A	Salter-Harris Type II physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.129A	Salter-Harris Type II physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.131A	Salter-Harris Type III physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.132A	Salter-Harris Type III physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.139A	Salter-Harris Type III physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.141A	Salter-Harris Type IV physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.142A	Salter-Harris Type IV physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.149A	Salter-Harris Type IV physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.191A	Other physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.192A	Other physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.199A	Other physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.201A	Unspecified physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.202A	Unspecified physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.209A	Unspecified physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.211A	Salter-Harris Type I physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.212A	Salter-Harris Type I physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S59.219A	Salter-Harris Type I physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.221A	Salter-Harris Type II physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.222A	Salter-Harris Type II physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.229A	Salter-Harris Type II physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.231A	Salter-Harris Type III physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.232A	Salter-Harris Type III physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.239A	Salter-Harris Type III physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.241A	Salter-Harris Type IV physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.242A	Salter-Harris Type IV physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.249A	Salter-Harris Type IV physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.291A	Other physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.292A	Other physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.299A	Other physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.001A	Unspecified fracture of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.001B	Unspecified fracture of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.002A	Unspecified fracture of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.002B	Unspecified fracture of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.009A	Unspecified fracture of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.009B	Unspecified fracture of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.011A	Displaced fracture of distal pole of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.011B	Displaced fracture of distal pole of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.012A	Displaced fracture of distal pole of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.012B	Displaced fracture of distal pole of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.013A	Displaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.013B	Displaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.014A	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.014B	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.015A	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.015B	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.016A	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.016B	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.021A	Displaced fracture of middle third of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.021B	Displaced fracture of middle third of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.022A	Displaced fracture of middle third of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.022B	Displaced fracture of middle third of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.023A	Displaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.023B	Displaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.024A	Nondisplaced fracture of middle third of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.024B	Nondisplaced fracture of middle third of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.025A	Nondisplaced fracture of middle third of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.025B	Nondisplaced fracture of middle third of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.026A	Nondisplaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.026B	Nondisplaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.031A	Displaced fracture of proximal third of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.031B	Displaced fracture of proximal third of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.032A	Displaced fracture of proximal third of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.032B	Displaced fracture of proximal third of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.033A	Displaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.033B	Displaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.034A	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.034B	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.035A	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.035B	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.036A	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.036B	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.101A	Fracture of unspecified carpal bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.101B	Fracture of unspecified carpal bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.102A	Fracture of unspecified carpal bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.102B	Fracture of unspecified carpal bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.109A	Fracture of unspecified carpal bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.109B	Fracture of unspecified carpal bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.111A	Displaced fracture of triquetrum [cuneiform] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.111B	Displaced fracture of triquetrum [cuneiform] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.112A	Displaced fracture of triquetrum [cuneiform] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.112B	Displaced fracture of triquetrum [cuneiform] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.113A	Displaced fracture of triquetrum [cuneiform] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.113B	Displaced fracture of triquetrum [cuneiform] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.114A	Nondisplaced fracture of triquetrum [cuneiform] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.114B	Nondisplaced fracture of triquetrum [cuneiform] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.115A	Nondisplaced fracture of triquetrum [cuneiform] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.115B	Nondisplaced fracture of triquetrum [cuneiform] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.116A	Nondisplaced fracture of triquetrum [cuneiform] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.116B	Nondisplaced fracture of triquetrum [cuneiform] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.121A	Displaced fracture of lunate [semilunar], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.121B	Displaced fracture of lunate [semilunar], right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.122A	Displaced fracture of lunate [semilunar], left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.122B	Displaced fracture of lunate [semilunar], left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.123A	Displaced fracture of lunate [semilunar], unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.123B	Displaced fracture of lunate [semilunar], unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.124A	Nondisplaced fracture of lunate [semilunar], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.124B	Nondisplaced fracture of lunate [semilunar], right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.125A	Nondisplaced fracture of lunate [semilunar], left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.125B	Nondisplaced fracture of lunate [semilunar], left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.126A	Nondisplaced fracture of lunate [semilunar], unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.126B	Nondisplaced fracture of lunate [semilunar], unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.131A	Displaced fracture of capitate [os magnum] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.131B	Displaced fracture of capitate [os magnum] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.132A	Displaced fracture of capitate [os magnum] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.132B	Displaced fracture of capitate [os magnum] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.133A	Displaced fracture of capitate [os magnum] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.133B	Displaced fracture of capitate [os magnum] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.134A	Nondisplaced fracture of capitate [os magnum] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.134B	Nondisplaced fracture of capitate [os magnum] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.135A	Nondisplaced fracture of capitate [os magnum] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.135B	Nondisplaced fracture of capitate [os magnum] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.136A	Nondisplaced fracture of capitate [os magnum] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.136B	Nondisplaced fracture of capitate [os magnum] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.141A	Displaced fracture of body of hamate [unciform] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.141B	Displaced fracture of body of hamate [unciform] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.142A	Displaced fracture of body of hamate [unciform] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.142B	Displaced fracture of body of hamate [unciform] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.143A	Displaced fracture of body of hamate [unciform] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.143B	Displaced fracture of body of hamate [unciform] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.144A	Nondisplaced fracture of body of hamate [unciform] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.144B	Nondisplaced fracture of body of hamate [unciform] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.145A	Nondisplaced fracture of body of hamate [unciform] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.145B	Nondisplaced fracture of body of hamate [unciform] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.146A	Nondisplaced fracture of body of hamate [unciform] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.146B	Nondisplaced fracture of body of hamate [unciform] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.151A	Displaced fracture of hook process of hamate [unciform] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.151B	Displaced fracture of hook process of hamate [unciform] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.152A	Displaced fracture of hook process of hamate [unciform] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.152B	Displaced fracture of hook process of hamate [unciform] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.153A	Displaced fracture of hook process of hamate [unciform] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.153B	Displaced fracture of hook process of hamate [unciform] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.154A	Nondisplaced fracture of hook process of hamate [unciform] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.154B	Nondisplaced fracture of hook process of hamate [unciform] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.155A	Nondisplaced fracture of hook process of hamate [unciform] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.155B	Nondisplaced fracture of hook process of hamate [unciform] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.156A	Nondisplaced fracture of hook process of hamate [unciform] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.156B	Nondisplaced fracture of hook process of hamate [unciform] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.161A	Displaced fracture of pisiform, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.161B	Displaced fracture of pisiform, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.162A	Displaced fracture of pisiform, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.162B	Displaced fracture of pisiform, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.163A	Displaced fracture of pisiform, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.163B	Displaced fracture of pisiform, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.164A	Nondisplaced fracture of pisiform, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.164B	Nondisplaced fracture of pisiform, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.165A	Nondisplaced fracture of pisiform, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.165B	Nondisplaced fracture of pisiform, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.166A	Nondisplaced fracture of pisiform, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.166B	Nondisplaced fracture of pisiform, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.171A	Displaced fracture of trapezium [larger multangular], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.171B	Displaced fracture of trapezium [larger multangular], right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.172A	Displaced fracture of trapezium [larger multangular], left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.172B	Displaced fracture of trapezium [larger multangular], left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.173A	Displaced fracture of trapezium [larger multangular], unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.173B	Displaced fracture of trapezium [larger multangular], unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.174A	Nondisplaced fracture of trapezium [larger multangular], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.174B	Nondisplaced fracture of trapezium [larger multangular], right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.175A	Nondisplaced fracture of trapezium [larger multangular], left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.175B	Nondisplaced fracture of trapezium [larger multangular], left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.176A	Nondisplaced fracture of trapezium [larger multangular], unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.176B	Nondisplaced fracture of trapezium [larger multangular], unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.181A	Displaced fracture of trapezoid [smaller multangular], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.181B	Displaced fracture of trapezoid [smaller multangular], right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.182A	Displaced fracture of trapezoid [smaller multangular], left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.182B	Displaced fracture of trapezoid [smaller multangular], left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.183A	Displaced fracture of trapezoid [smaller multangular], unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.183B	Displaced fracture of trapezoid [smaller multangular], unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.184A	Nondisplaced fracture of trapezoid [smaller multangular], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.184B	Nondisplaced fracture of trapezoid [smaller multangular], right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.185A	Nondisplaced fracture of trapezoid [smaller multangular], left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.185B	Nondisplaced fracture of trapezoid [smaller multangular], left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.186A	Nondisplaced fracture of trapezoid [smaller multangular], unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.186B	Nondisplaced fracture of trapezoid [smaller multangular], unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.201A	Unspecified fracture of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.201B	Unspecified fracture of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.202A	Unspecified fracture of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.202B	Unspecified fracture of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.209A	Unspecified fracture of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.209B	Unspecified fracture of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.211A	Bennett's fracture, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.211B	Bennett's fracture, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.212A	Bennett's fracture, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.212B	Bennett's fracture, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.213A	Bennett's fracture, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.213B	Bennett's fracture, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.221A	Displaced Rolando's fracture, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.221B	Displaced Rolando's fracture, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.222A	Displaced Rolando's fracture, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.222B	Displaced Rolando's fracture, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.223A	Displaced Rolando's fracture, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.223B	Displaced Rolando's fracture, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.224A	Nondisplaced Rolando's fracture, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.224B	Nondisplaced Rolando's fracture, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.225A	Nondisplaced Rolando's fracture, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.225B	Nondisplaced Rolando's fracture, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.226A	Nondisplaced Rolando's fracture, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.226B	Nondisplaced Rolando's fracture, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.231A	Other displaced fracture of base of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.231B	Other displaced fracture of base of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.232A	Other displaced fracture of base of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.232B	Other displaced fracture of base of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.233A	Other displaced fracture of base of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.233B	Other displaced fracture of base of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.234A	Other nondisplaced fracture of base of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.234B	Other nondisplaced fracture of base of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.235A	Other nondisplaced fracture of base of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.235B	Other nondisplaced fracture of base of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.236A	Other nondisplaced fracture of base of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.236B	Other nondisplaced fracture of base of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.241A	Displaced fracture of shaft of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.241B	Displaced fracture of shaft of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.242A	Displaced fracture of shaft of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.242B	Displaced fracture of shaft of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.243A	Displaced fracture of shaft of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.243B	Displaced fracture of shaft of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.244A	Nondisplaced fracture of shaft of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.244B	Nondisplaced fracture of shaft of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.245A	Nondisplaced fracture of shaft of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.245B	Nondisplaced fracture of shaft of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.246A	Nondisplaced fracture of shaft of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.246B	Nondisplaced fracture of shaft of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.251A	Displaced fracture of neck of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.251B	Displaced fracture of neck of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.252A	Displaced fracture of neck of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.252B	Displaced fracture of neck of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.253A	Displaced fracture of neck of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.253B	Displaced fracture of neck of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.254A	Nondisplaced fracture of neck of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.254B	Nondisplaced fracture of neck of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.255A	Nondisplaced fracture of neck of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.255B	Nondisplaced fracture of neck of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.256A	Nondisplaced fracture of neck of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.256B	Nondisplaced fracture of neck of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.291A	Other fracture of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.291B	Other fracture of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.292A	Other fracture of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.292B	Other fracture of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.299A	Other fracture of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.299B	Other fracture of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.300A	Unspecified fracture of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.300B	Unspecified fracture of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.301A	Unspecified fracture of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.301B	Unspecified fracture of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.302A	Unspecified fracture of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.302B	Unspecified fracture of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.303A	Unspecified fracture of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.303B	Unspecified fracture of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.304A	Unspecified fracture of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.304B	Unspecified fracture of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.305A	Unspecified fracture of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.305B	Unspecified fracture of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.306A	Unspecified fracture of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.306B	Unspecified fracture of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.307A	Unspecified fracture of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.307B	Unspecified fracture of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.308A	Unspecified fracture of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.308B	Unspecified fracture of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.309A	Unspecified fracture of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.309B	Unspecified fracture of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.310A	Displaced fracture of base of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.310B	Displaced fracture of base of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.311A	Displaced fracture of base of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.311B	Displaced fracture of base of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.312A	Displaced fracture of base of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.312B	Displaced fracture of base of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.313A	Displaced fracture of base of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.313B	Displaced fracture of base of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.314A	Displaced fracture of base of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.314B	Displaced fracture of base of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.315A	Displaced fracture of base of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.315B	Displaced fracture of base of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.316A	Displaced fracture of base of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.316B	Displaced fracture of base of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.317A	Displaced fracture of base of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.317B	Displaced fracture of base of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.318A	Displaced fracture of base of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.318B	Displaced fracture of base of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.319A	Displaced fracture of base of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.319B	Displaced fracture of base of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.320A	Displaced fracture of shaft of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.320B	Displaced fracture of shaft of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.321A	Displaced fracture of shaft of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.321B	Displaced fracture of shaft of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.322A	Displaced fracture of shaft of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.322B	Displaced fracture of shaft of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.323A	Displaced fracture of shaft of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.323B	Displaced fracture of shaft of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.324A	Displaced fracture of shaft of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.324B	Displaced fracture of shaft of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.325A	Displaced fracture of shaft of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.325B	Displaced fracture of shaft of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.326A	Displaced fracture of shaft of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.326B	Displaced fracture of shaft of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.327A	Displaced fracture of shaft of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.327B	Displaced fracture of shaft of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.328A	Displaced fracture of shaft of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.328B	Displaced fracture of shaft of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.329A	Displaced fracture of shaft of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.329B	Displaced fracture of shaft of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.330A	Displaced fracture of neck of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.330B	Displaced fracture of neck of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.331A	Displaced fracture of neck of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.331B	Displaced fracture of neck of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.332A	Displaced fracture of neck of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.332B	Displaced fracture of neck of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.333A	Displaced fracture of neck of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.333B	Displaced fracture of neck of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.334A	Displaced fracture of neck of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.334B	Displaced fracture of neck of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.335A	Displaced fracture of neck of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.335B	Displaced fracture of neck of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.336A	Displaced fracture of neck of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.336B	Displaced fracture of neck of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.337A	Displaced fracture of neck of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.337B	Displaced fracture of neck of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.338A	Displaced fracture of neck of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.338B	Displaced fracture of neck of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.339A	Displaced fracture of neck of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.339B	Displaced fracture of neck of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.340A	Nondisplaced fracture of base of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.340B	Nondisplaced fracture of base of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.341A	Nondisplaced fracture of base of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.341B	Nondisplaced fracture of base of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.342A	Nondisplaced fracture of base of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.342B	Nondisplaced fracture of base of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.343A	Nondisplaced fracture of base of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.343B	Nondisplaced fracture of base of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.344A	Nondisplaced fracture of base of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.344B	Nondisplaced fracture of base of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.345A	Nondisplaced fracture of base of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.345B	Nondisplaced fracture of base of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.346A	Nondisplaced fracture of base of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.346B	Nondisplaced fracture of base of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.347A	Nondisplaced fracture of base of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.347B	Nondisplaced fracture of base of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.348A	Nondisplaced fracture of base of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.348B	Nondisplaced fracture of base of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.349A	Nondisplaced fracture of base of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.349B	Nondisplaced fracture of base of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.350A	Nondisplaced fracture of shaft of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.350B	Nondisplaced fracture of shaft of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.351A	Nondisplaced fracture of shaft of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.351B	Nondisplaced fracture of shaft of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.352A	Nondisplaced fracture of shaft of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.352B	Nondisplaced fracture of shaft of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.353A	Nondisplaced fracture of shaft of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.353B	Nondisplaced fracture of shaft of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.354A	Nondisplaced fracture of shaft of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.354B	Nondisplaced fracture of shaft of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.355A	Nondisplaced fracture of shaft of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.355B	Nondisplaced fracture of shaft of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.356A	Nondisplaced fracture of shaft of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.356B	Nondisplaced fracture of shaft of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.357A	Nondisplaced fracture of shaft of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.357B	Nondisplaced fracture of shaft of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.358A	Nondisplaced fracture of shaft of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.358B	Nondisplaced fracture of shaft of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.359A	Nondisplaced fracture of shaft of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.359B	Nondisplaced fracture of shaft of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.360A	Nondisplaced fracture of neck of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.360B	Nondisplaced fracture of neck of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.361A	Nondisplaced fracture of neck of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.361B	Nondisplaced fracture of neck of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.362A	Nondisplaced fracture of neck of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.362B	Nondisplaced fracture of neck of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.363A	Nondisplaced fracture of neck of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.363B	Nondisplaced fracture of neck of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.364A	Nondisplaced fracture of neck of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.364B	Nondisplaced fracture of neck of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.365A	Nondisplaced fracture of neck of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.365B	Nondisplaced fracture of neck of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.366A	Nondisplaced fracture of neck of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.366B	Nondisplaced fracture of neck of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.367A	Nondisplaced fracture of neck of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.367B	Nondisplaced fracture of neck of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.368A	Nondisplaced fracture of neck of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.368B	Nondisplaced fracture of neck of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.369A	Nondisplaced fracture of neck of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.369B	Nondisplaced fracture of neck of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.390A	Other fracture of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.390B	Other fracture of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.391A	Other fracture of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.391B	Other fracture of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.392A	Other fracture of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.392B	Other fracture of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.393A	Other fracture of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.393B	Other fracture of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.394A	Other fracture of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.394B	Other fracture of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.395A	Other fracture of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.395B	Other fracture of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.396A	Other fracture of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.396B	Other fracture of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.397A	Other fracture of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.397B	Other fracture of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.398A	Other fracture of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.398B	Other fracture of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.399A	Other fracture of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.399B	Other fracture of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.501A	Fracture of unspecified phalanx of right thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.501B	Fracture of unspecified phalanx of right thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.502A	Fracture of unspecified phalanx of left thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.502B	Fracture of unspecified phalanx of left thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.509A	Fracture of unspecified phalanx of unspecified thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.509B	Fracture of unspecified phalanx of unspecified thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.511A	Displaced fracture of proximal phalanx of right thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.511B	Displaced fracture of proximal phalanx of right thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.512A	Displaced fracture of proximal phalanx of left thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.512B	Displaced fracture of proximal phalanx of left thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.513A	Displaced fracture of proximal phalanx of unspecified thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.513B	Displaced fracture of proximal phalanx of unspecified thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.514A	Nondisplaced fracture of proximal phalanx of right thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.514B	Nondisplaced fracture of proximal phalanx of right thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.515A	Nondisplaced fracture of proximal phalanx of left thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.515B	Nondisplaced fracture of proximal phalanx of left thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.516A	Nondisplaced fracture of proximal phalanx of unspecified thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.516B	Nondisplaced fracture of proximal phalanx of unspecified thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.521A	Displaced fracture of distal phalanx of right thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.521B	Displaced fracture of distal phalanx of right thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.522A	Displaced fracture of distal phalanx of left thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.522B	Displaced fracture of distal phalanx of left thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.523A	Displaced fracture of distal phalanx of unspecified thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.523B	Displaced fracture of distal phalanx of unspecified thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.524A	Nondisplaced fracture of distal phalanx of right thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.524B	Nondisplaced fracture of distal phalanx of right thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.525A	Nondisplaced fracture of distal phalanx of left thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.525B	Nondisplaced fracture of distal phalanx of left thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.526A	Nondisplaced fracture of distal phalanx of unspecified thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.526B	Nondisplaced fracture of distal phalanx of unspecified thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.600A	Fracture of unspecified phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.600B	Fracture of unspecified phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.601A	Fracture of unspecified phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.601B	Fracture of unspecified phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.602A	Fracture of unspecified phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.602B	Fracture of unspecified phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.603A	Fracture of unspecified phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.603B	Fracture of unspecified phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.604A	Fracture of unspecified phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.604B	Fracture of unspecified phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.605A	Fracture of unspecified phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.605B	Fracture of unspecified phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.606A	Fracture of unspecified phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.606B	Fracture of unspecified phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.607A	Fracture of unspecified phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.607B	Fracture of unspecified phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.608A	Fracture of unspecified phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.608B	Fracture of unspecified phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.609A	Fracture of unspecified phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.609B	Fracture of unspecified phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.610A	Displaced fracture of proximal phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.610B	Displaced fracture of proximal phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.611A	Displaced fracture of proximal phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.611B	Displaced fracture of proximal phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.612A	Displaced fracture of proximal phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.612B	Displaced fracture of proximal phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.613A	Displaced fracture of proximal phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.613B	Displaced fracture of proximal phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.614A	Displaced fracture of proximal phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.614B	Displaced fracture of proximal phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.615A	Displaced fracture of proximal phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.615B	Displaced fracture of proximal phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.616A	Displaced fracture of proximal phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.616B	Displaced fracture of proximal phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.617A	Displaced fracture of proximal phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.617B	Displaced fracture of proximal phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.618A	Displaced fracture of proximal phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.618B	Displaced fracture of proximal phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.619A	Displaced fracture of proximal phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.619B	Displaced fracture of proximal phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.620A	Displaced fracture of middle phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.620B	Displaced fracture of middle phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.621A	Displaced fracture of middle phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.621B	Displaced fracture of middle phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.622A	Displaced fracture of middle phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.622B	Displaced fracture of middle phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.623A	Displaced fracture of middle phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.623B	Displaced fracture of middle phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.624A	Displaced fracture of middle phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.624B	Displaced fracture of middle phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.625A	Displaced fracture of middle phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.625B	Displaced fracture of middle phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.626A	Displaced fracture of medial phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.626B	Displaced fracture of medial phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.627A	Displaced fracture of medial phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.627B	Displaced fracture of medial phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.628A	Displaced fracture of medial phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.628B	Displaced fracture of medial phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.629A	Displaced fracture of medial phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.629B	Displaced fracture of medial phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.630A	Displaced fracture of distal phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.630B	Displaced fracture of distal phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.631A	Displaced fracture of distal phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.631B	Displaced fracture of distal phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.632A	Displaced fracture of distal phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.632B	Displaced fracture of distal phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.633A	Displaced fracture of distal phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.633B	Displaced fracture of distal phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.634A	Displaced fracture of distal phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.634B	Displaced fracture of distal phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.635A	Displaced fracture of distal phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.635B	Displaced fracture of distal phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.636A	Displaced fracture of distal phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.636B	Displaced fracture of distal phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.637A	Displaced fracture of distal phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.637B	Displaced fracture of distal phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.638A	Displaced fracture of distal phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.638B	Displaced fracture of distal phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.639A	Displaced fracture of distal phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.639B	Displaced fracture of distal phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.640A	Nondisplaced fracture of proximal phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.640B	Nondisplaced fracture of proximal phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.641A	Nondisplaced fracture of proximal phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.641B	Nondisplaced fracture of proximal phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.642A	Nondisplaced fracture of proximal phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.642B	Nondisplaced fracture of proximal phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.643A	Nondisplaced fracture of proximal phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.643B	Nondisplaced fracture of proximal phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.644A	Nondisplaced fracture of proximal phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.644B	Nondisplaced fracture of proximal phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.645A	Nondisplaced fracture of proximal phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.645B	Nondisplaced fracture of proximal phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.646A	Nondisplaced fracture of proximal phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.646B	Nondisplaced fracture of proximal phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.647A	Nondisplaced fracture of proximal phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.647B	Nondisplaced fracture of proximal phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.648A	Nondisplaced fracture of proximal phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.648B	Nondisplaced fracture of proximal phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.649A	Nondisplaced fracture of proximal phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.649B	Nondisplaced fracture of proximal phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.650A	Nondisplaced fracture of middle phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.650B	Nondisplaced fracture of middle phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.651A	Nondisplaced fracture of middle phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.651B	Nondisplaced fracture of middle phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.652A	Nondisplaced fracture of middle phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.652B	Nondisplaced fracture of middle phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.653A	Nondisplaced fracture of middle phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.653B	Nondisplaced fracture of middle phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.654A	Nondisplaced fracture of medial phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.654B	Nondisplaced fracture of medial phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.655A	Nondisplaced fracture of medial phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.655B	Nondisplaced fracture of medial phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.656A	Nondisplaced fracture of medial phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.656B	Nondisplaced fracture of medial phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.657A	Nondisplaced fracture of medial phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.657B	Nondisplaced fracture of medial phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.658A	Nondisplaced fracture of medial phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.658B	Nondisplaced fracture of medial phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.659A	Nondisplaced fracture of medial phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.659B	Nondisplaced fracture of medial phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.660A	Nondisplaced fracture of distal phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.660B	Nondisplaced fracture of distal phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.661A	Nondisplaced fracture of distal phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.661B	Nondisplaced fracture of distal phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.662A	Nondisplaced fracture of distal phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.662B	Nondisplaced fracture of distal phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.663A	Nondisplaced fracture of distal phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.663B	Nondisplaced fracture of distal phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.664A	Nondisplaced fracture of distal phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.664B	Nondisplaced fracture of distal phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.665A	Nondisplaced fracture of distal phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.665B	Nondisplaced fracture of distal phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.666A	Nondisplaced fracture of distal phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.666B	Nondisplaced fracture of distal phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.667A	Nondisplaced fracture of distal phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.667B	Nondisplaced fracture of distal phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.668A	Nondisplaced fracture of distal phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.668B	Nondisplaced fracture of distal phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.669A	Nondisplaced fracture of distal phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.669B	Nondisplaced fracture of distal phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S62.90XA	Unspecified fracture of unspecified wrist and hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.90XB	Unspecified fracture of unspecified wrist and hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.91XA	Unspecified fracture of right wrist and hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.91XB	Unspecified fracture of right wrist and hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.92XA	Unspecified fracture of left wrist and hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.92XB	Unspecified fracture of left wrist and hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S72.001A	Fracture of unspecified part of neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.001B	Fracture of unspecified part of neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.001C	Fracture of unspecified part of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.002A	Fracture of unspecified part of neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.002B	Fracture of unspecified part of neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.002C	Fracture of unspecified part of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.009A	Fracture of unspecified part of neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.009B	Fracture of unspecified part of neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.009C	Fracture of unspecified part of neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.011A	Unspecified intracapsular fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.011B	Unspecified intracapsular fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.011C	Unspecified intracapsular fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.012A	Unspecified intracapsular fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.012B	Unspecified intracapsular fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.012C	Unspecified intracapsular fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.019A	Unspecified intracapsular fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.019B	Unspecified intracapsular fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.019C	Unspecified intracapsular fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.021A	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.021B	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.021C	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.022A	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.022B	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.022C	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.023A	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.023B	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.023C	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.024A	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.024B	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.024C	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.025A	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.025B	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.025C	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.026A	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.026B	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.026C	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.031A	Displaced midcervical fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.031B	Displaced midcervical fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.031C	Displaced midcervical fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.032A	Displaced midcervical fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.032B	Displaced midcervical fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.032C	Displaced midcervical fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.033A	Displaced midcervical fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.033B	Displaced midcervical fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.033C	Displaced midcervical fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.034A	Nondisplaced midcervical fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.034B	Nondisplaced midcervical fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.034C	Nondisplaced midcervical fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.035A	Nondisplaced midcervical fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.035B	Nondisplaced midcervical fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.035C	Nondisplaced midcervical fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.036A	Nondisplaced midcervical fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.036B	Nondisplaced midcervical fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.036C	Nondisplaced midcervical fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.041A	Displaced fracture of base of neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.041B	Displaced fracture of base of neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.041C	Displaced fracture of base of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.042A	Displaced fracture of base of neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.042B	Displaced fracture of base of neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.042C	Displaced fracture of base of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.043A	Displaced fracture of base of neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.043B	Displaced fracture of base of neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.043C	Displaced fracture of base of neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.044A	Nondisplaced fracture of base of neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.044B	Nondisplaced fracture of base of neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.044C	Nondisplaced fracture of base of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.045A	Nondisplaced fracture of base of neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.045B	Nondisplaced fracture of base of neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.045C	Nondisplaced fracture of base of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.046A	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.046B	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.046C	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.051A	Unspecified fracture of head of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.051B	Unspecified fracture of head of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.051C	Unspecified fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.052A	Unspecified fracture of head of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.052B	Unspecified fracture of head of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.052C	Unspecified fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.059A	Unspecified fracture of head of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.059B	Unspecified fracture of head of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.059C	Unspecified fracture of head of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.061A	Displaced articular fracture of head of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.061B	Displaced articular fracture of head of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.061C	Displaced articular fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.062A	Displaced articular fracture of head of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.062B	Displaced articular fracture of head of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.062C	Displaced articular fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.063A	Displaced articular fracture of head of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.063B	Displaced articular fracture of head of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.063C	Displaced articular fracture of head of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.064A	Nondisplaced articular fracture of head of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.064B	Nondisplaced articular fracture of head of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.064C	Nondisplaced articular fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.065A	Nondisplaced articular fracture of head of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.065B	Nondisplaced articular fracture of head of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.065C	Nondisplaced articular fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.066A	Nondisplaced articular fracture of head of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.066B	Nondisplaced articular fracture of head of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.066C	Nondisplaced articular fracture of head of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.091A	Other fracture of head and neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.091B	Other fracture of head and neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.091C	Other fracture of head and neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.092A	Other fracture of head and neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.092B	Other fracture of head and neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.092C	Other fracture of head and neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.099A	Other fracture of head and neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.099B	Other fracture of head and neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.099C	Other fracture of head and neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.101A	Unspecified trochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.101B	Unspecified trochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.101C	Unspecified trochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.102A	Unspecified trochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.102B	Unspecified trochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.102C	Unspecified trochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.109A	Unspecified trochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.109B	Unspecified trochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.109C	Unspecified trochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.111A	Displaced fracture of greater trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.111B	Displaced fracture of greater trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.111C	Displaced fracture of greater trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.112A	Displaced fracture of greater trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.112B	Displaced fracture of greater trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.112C	Displaced fracture of greater trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.113A	Displaced fracture of greater trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.113B	Displaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.113C	Displaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.114A	Nondisplaced fracture of greater trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.114B	Nondisplaced fracture of greater trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.114C	Nondisplaced fracture of greater trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.115A	Nondisplaced fracture of greater trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.115B	Nondisplaced fracture of greater trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.115C	Nondisplaced fracture of greater trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.116A	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.116B	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.116C	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.121A	Displaced fracture of lesser trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.121B	Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.121C	Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.122A	Displaced fracture of lesser trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.122B	Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.122C	Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.123A	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.123B	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.123C	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.124A	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.124B	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.124C	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.125A	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.125B	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.125C	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.126A	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.126B	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.126C	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.131A	Displaced apophyseal fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.131B	Displaced apophyseal fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.131C	Displaced apophyseal fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.132A	Displaced apophyseal fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.132B	Displaced apophyseal fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.132C	Displaced apophyseal fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.133A	Displaced apophyseal fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.133B	Displaced apophyseal fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.133C	Displaced apophyseal fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.134A	Nondisplaced apophyseal fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.134B	Nondisplaced apophyseal fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.134C	Nondisplaced apophyseal fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.135A	Nondisplaced apophyseal fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.135B	Nondisplaced apophyseal fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.135C	Nondisplaced apophyseal fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.136A	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.136B	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.136C	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.141A	Displaced intertrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.141B	Displaced intertrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.141C	Displaced intertrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.142A	Displaced intertrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.142B	Displaced intertrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.142C	Displaced intertrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.143A	Displaced intertrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.143B	Displaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.143C	Displaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.144A	Nondisplaced intertrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.144B	Nondisplaced intertrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.144C	Nondisplaced intertrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.145A	Nondisplaced intertrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.145B	Nondisplaced intertrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.145C	Nondisplaced intertrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.146A	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.146B	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.146C	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.21XA	Displaced subtrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.21XB	Displaced subtrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.21XC	Displaced subtrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.22XA	Displaced subtrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.22XB	Displaced subtrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.22XC	Displaced subtrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.23XA	Displaced subtrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.23XB	Displaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.23XC	Displaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.24XA	Nondisplaced subtrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.24XB	Nondisplaced subtrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.24XC	Nondisplaced subtrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.25XA	Nondisplaced subtrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.25XB	Nondisplaced subtrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.25XC	Nondisplaced subtrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.26XA	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.26XB	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.26XC	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.301A	Unspecified fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.301B	Unspecified fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.301C	Unspecified fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.302A	Unspecified fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.302B	Unspecified fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.302C	Unspecified fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.309A	Unspecified fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.309B	Unspecified fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.309C	Unspecified fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.321A	Displaced transverse fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.321B	Displaced transverse fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.321C	Displaced transverse fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.322A	Displaced transverse fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.322B	Displaced transverse fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.322C	Displaced transverse fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.323A	Displaced transverse fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.323B	Displaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.323C	Displaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.324A	Nondisplaced transverse fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.324B	Nondisplaced transverse fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.324C	Nondisplaced transverse fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.325A	Nondisplaced transverse fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.325B	Nondisplaced transverse fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.325C	Nondisplaced transverse fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.326A	Nondisplaced transverse fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.326B	Nondisplaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.326C	Nondisplaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.331A	Displaced oblique fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.331B	Displaced oblique fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.331C	Displaced oblique fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.332A	Displaced oblique fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.332B	Displaced oblique fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.332C	Displaced oblique fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.333A	Displaced oblique fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.333B	Displaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.333C	Displaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.334A	Nondisplaced oblique fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.334B	Nondisplaced oblique fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.334C	Nondisplaced oblique fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.335A	Nondisplaced oblique fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.335B	Nondisplaced oblique fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.335C	Nondisplaced oblique fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.336A	Nondisplaced oblique fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.336B	Nondisplaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.336C	Nondisplaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.341A	Displaced spiral fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.341B	Displaced spiral fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.341C	Displaced spiral fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.342A	Displaced spiral fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.342B	Displaced spiral fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.342C	Displaced spiral fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.343A	Displaced spiral fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.343B	Displaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.343C	Displaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.344A	Nondisplaced spiral fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.344B	Nondisplaced spiral fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.344C	Nondisplaced spiral fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.345A	Nondisplaced spiral fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.345B	Nondisplaced spiral fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.345C	Nondisplaced spiral fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.346A	Nondisplaced spiral fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.346B	Nondisplaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.346C	Nondisplaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.351A	Displaced comminuted fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.351B	Displaced comminuted fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.351C	Displaced comminuted fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.352A	Displaced comminuted fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.352B	Displaced comminuted fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.352C	Displaced comminuted fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.353A	Displaced comminuted fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.353B	Displaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.353C	Displaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.354A	Nondisplaced comminuted fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.354B	Nondisplaced comminuted fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.354C	Nondisplaced comminuted fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.355A	Nondisplaced comminuted fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.355B	Nondisplaced comminuted fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.355C	Nondisplaced comminuted fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.356A	Nondisplaced comminuted fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.356B	Nondisplaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.356C	Nondisplaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.361A	Displaced segmental fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.361B	Displaced segmental fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.361C	Displaced segmental fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.362A	Displaced segmental fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.362B	Displaced segmental fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.362C	Displaced segmental fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.363A	Displaced segmental fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.363B	Displaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.363C	Displaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.364A	Nondisplaced segmental fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.364B	Nondisplaced segmental fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.364C	Nondisplaced segmental fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.365A	Nondisplaced segmental fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.365B	Nondisplaced segmental fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.365C	Nondisplaced segmental fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.366A	Nondisplaced segmental fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.366B	Nondisplaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.366C	Nondisplaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.391A	Other fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.391B	Other fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.391C	Other fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.392A	Other fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.392B	Other fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.392C	Other fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.399A	Other fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.399B	Other fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.399C	Other fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.401A	Unspecified fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.401B	Unspecified fracture of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.401C	Unspecified fracture of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.402A	Unspecified fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.402B	Unspecified fracture of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.402C	Unspecified fracture of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.409A	Unspecified fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.409B	Unspecified fracture of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.409C	Unspecified fracture of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.411A	Displaced unspecified condyle fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.411B	Displaced unspecified condyle fracture of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.411C	Displaced unspecified condyle fracture of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.412A	Displaced unspecified condyle fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.412B	Displaced unspecified condyle fracture of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.412C	Displaced unspecified condyle fracture of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.413A	Displaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.413B	Displaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.413C	Displaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.414A	Nondisplaced unspecified condyle fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.414B	Nondisplaced unspecified condyle fracture of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.414C	Nondisplaced unspecified condyle fracture of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.415A	Nondisplaced unspecified condyle fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.415B	Nondisplaced unspecified condyle fracture of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.415C	Nondisplaced unspecified condyle fracture of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.416A	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.416B	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.416C	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.421A	Displaced fracture of lateral condyle of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.421B	Displaced fracture of lateral condyle of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.421C	Displaced fracture of lateral condyle of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.422A	Displaced fracture of lateral condyle of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.422B	Displaced fracture of lateral condyle of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.422C	Displaced fracture of lateral condyle of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.423A	Displaced fracture of lateral condyle of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.423B	Displaced fracture of lateral condyle of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.423C	Displaced fracture of lateral condyle of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.424A	Nondisplaced fracture of lateral condyle of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.424B	Nondisplaced fracture of lateral condyle of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.424C	Nondisplaced fracture of lateral condyle of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.425A	Nondisplaced fracture of lateral condyle of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.425B	Nondisplaced fracture of lateral condyle of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.425C	Nondisplaced fracture of lateral condyle of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.426A	Nondisplaced fracture of lateral condyle of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.426B	Nondisplaced fracture of lateral condyle of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.426C	Nondisplaced fracture of lateral condyle of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.431A	Displaced fracture of medial condyle of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.431B	Displaced fracture of medial condyle of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.431C	Displaced fracture of medial condyle of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.432A	Displaced fracture of medial condyle of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.432B	Displaced fracture of medial condyle of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.432C	Displaced fracture of medial condyle of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.433A	Displaced fracture of medial condyle of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.433B	Displaced fracture of medial condyle of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.433C	Displaced fracture of medial condyle of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.434A	Nondisplaced fracture of medial condyle of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.434B	Nondisplaced fracture of medial condyle of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.434C	Nondisplaced fracture of medial condyle of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.435A	Nondisplaced fracture of medial condyle of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.435B	Nondisplaced fracture of medial condyle of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.435C	Nondisplaced fracture of medial condyle of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.436A	Nondisplaced fracture of medial condyle of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.436B	Nondisplaced fracture of medial condyle of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.436C	Nondisplaced fracture of medial condyle of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.441A	Displaced fracture of lower epiphysis (separation) of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.441B	Displaced fracture of lower epiphysis (separation) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.441C	Displaced fracture of lower epiphysis (separation) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.442A	Displaced fracture of lower epiphysis (separation) of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.442B	Displaced fracture of lower epiphysis (separation) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.442C	Displaced fracture of lower epiphysis (separation) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.443A	Displaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.443B	Displaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.443C	Displaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.444A	Nondisplaced fracture of lower epiphysis (separation) of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.444B	Nondisplaced fracture of lower epiphysis (separation) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.444C	Nondisplaced fracture of lower epiphysis (separation) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.445A	Nondisplaced fracture of lower epiphysis (separation) of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.445B	Nondisplaced fracture of lower epiphysis (separation) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.445C	Nondisplaced fracture of lower epiphysis (separation) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.446A	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.446B	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.446C	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.451A	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.451B	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.451C	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.452A	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.452B	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.452C	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.453A	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.453B	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.453C	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.454A	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.454B	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.454C	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.455A	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.455B	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.455C	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.456A	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.456B	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.456C	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.461A	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.461B	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.461C	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.462A	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.462B	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.462C	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.463A	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.463B	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.463C	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.464A	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.464B	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.464C	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.465A	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.465B	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.465C	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.466A	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.466B	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.466C	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.471A	Torus fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.472A	Torus fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.479A	Torus fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.491A	Other fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.491B	Other fracture of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.491C	Other fracture of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.492A	Other fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.492B	Other fracture of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.492C	Other fracture of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.499A	Other fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.499B	Other fracture of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.499C	Other fracture of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S72.8X1A	Other fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.8X1B	Other fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.8X1C	Other fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.8X2A	Other fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.8X2B	Other fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.8X2C	Other fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.8X9A	Other fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.8X9B	Other fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.8X9C	Other fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.90XA	Unspecified fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.90XB	Unspecified fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.90XC	Unspecified fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.90XE	Unspecified fracture of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.91XA	Unspecified fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.91XB	Unspecified fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.91XC	Unspecified fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.91XE	Unspecified fracture of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.92XA	Unspecified fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.92XB	Unspecified fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.92XC	Unspecified fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.92XE	Unspecified fracture of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S79.001A	Unspecified physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.002A	Unspecified physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.009A	Unspecified physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.011A	Salter-Harris Type I physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S79.012A	Salter-Harris Type I physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.019A	Salter-Harris Type I physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.091A	Other physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.092A	Other physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.099A	Other physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.101A	Unspecified physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.102A	Unspecified physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.109A	Unspecified physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.111A	Salter-Harris Type I physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.112A	Salter-Harris Type I physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.119A	Salter-Harris Type I physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.121A	Salter-Harris Type II physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.122A	Salter-Harris Type II physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.129A	Salter-Harris Type II physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.131A	Salter-Harris Type III physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.132A	Salter-Harris Type III physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.139A	Salter-Harris Type III physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.141A	Salter-Harris Type IV physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.142A	Salter-Harris Type IV physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.149A	Salter-Harris Type IV physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S79.191A	Other physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.192A	Other physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.199A	Other physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.001A	Unspecified fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.001B	Unspecified fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.001C	Unspecified fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.002A	Unspecified fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.002B	Unspecified fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.002C	Unspecified fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.009A	Unspecified fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.009B	Unspecified fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.009C	Unspecified fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.011A	Displaced osteochondral fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.011B	Displaced osteochondral fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.011C	Displaced osteochondral fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.012A	Displaced osteochondral fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.012B	Displaced osteochondral fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.012C	Displaced osteochondral fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.013A	Displaced osteochondral fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.013B	Displaced osteochondral fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.013C	Displaced osteochondral fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.014A	Nondisplaced osteochondral fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.014B	Nondisplaced osteochondral fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.014C	Nondisplaced osteochondral fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.015A	Nondisplaced osteochondral fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.015B	Nondisplaced osteochondral fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.015C	Nondisplaced osteochondral fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.016A	Nondisplaced osteochondral fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.016B	Nondisplaced osteochondral fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.016C	Nondisplaced osteochondral fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.021A	Displaced longitudinal fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.021B	Displaced longitudinal fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.021C	Displaced longitudinal fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.022A	Displaced longitudinal fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.022B	Displaced longitudinal fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.022C	Displaced longitudinal fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.023A	Displaced longitudinal fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.023B	Displaced longitudinal fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.023C	Displaced longitudinal fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.024A	Nondisplaced longitudinal fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.024B	Nondisplaced longitudinal fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.024C	Nondisplaced longitudinal fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.025A	Nondisplaced longitudinal fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.025B	Nondisplaced longitudinal fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.025C	Nondisplaced longitudinal fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.026A	Nondisplaced longitudinal fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.026B	Nondisplaced longitudinal fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.026C	Nondisplaced longitudinal fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.031A	Displaced transverse fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.031B	Displaced transverse fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.031C	Displaced transverse fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.032A	Displaced transverse fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.032B	Displaced transverse fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.032C	Displaced transverse fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.033A	Displaced transverse fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.033B	Displaced transverse fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.033C	Displaced transverse fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.034A	Nondisplaced transverse fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.034B	Nondisplaced transverse fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.034C	Nondisplaced transverse fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.035A	Nondisplaced transverse fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.035B	Nondisplaced transverse fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.035C	Nondisplaced transverse fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.036A	Nondisplaced transverse fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.036B	Nondisplaced transverse fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.036C	Nondisplaced transverse fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.041A	Displaced comminuted fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.041B	Displaced comminuted fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.041C	Displaced comminuted fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.042A	Displaced comminuted fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.042B	Displaced comminuted fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.042C	Displaced comminuted fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.043A	Displaced comminuted fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.043B	Displaced comminuted fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.043C	Displaced comminuted fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.044A	Nondisplaced comminuted fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.044B	Nondisplaced comminuted fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.044C	Nondisplaced comminuted fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.045A	Nondisplaced comminuted fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.045B	Nondisplaced comminuted fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.045C	Nondisplaced comminuted fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.046A	Nondisplaced comminuted fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.046B	Nondisplaced comminuted fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.046C	Nondisplaced comminuted fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.091A	Other fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.091B	Other fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.091C	Other fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.092A	Other fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.092B	Other fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.092C	Other fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.099A	Other fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.099B	Other fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.099C	Other fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.101A	Unspecified fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.101B	Unspecified fracture of upper end of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.101C	Unspecified fracture of upper end of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.102A	Unspecified fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.102B	Unspecified fracture of upper end of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.102C	Unspecified fracture of upper end of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.109A	Unspecified fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.109B	Unspecified fracture of upper end of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.109C	Unspecified fracture of upper end of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.111A	Displaced fracture of right tibial spine, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.111B	Displaced fracture of right tibial spine, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.111C	Displaced fracture of right tibial spine, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.112A	Displaced fracture of left tibial spine, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.112B	Displaced fracture of left tibial spine, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.112C	Displaced fracture of left tibial spine, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.113A	Displaced fracture of unspecified tibial spine, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.113B	Displaced fracture of unspecified tibial spine, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.113C	Displaced fracture of unspecified tibial spine, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.114A	Nondisplaced fracture of right tibial spine, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.114B	Nondisplaced fracture of right tibial spine, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.114C	Nondisplaced fracture of right tibial spine, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.115A	Nondisplaced fracture of left tibial spine, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.115B	Nondisplaced fracture of left tibial spine, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.115C	Nondisplaced fracture of left tibial spine, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.116A	Nondisplaced fracture of unspecified tibial spine, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.116B	Nondisplaced fracture of unspecified tibial spine, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.116C	Nondisplaced fracture of unspecified tibial spine, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.121A	Displaced fracture of lateral condyle of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.121B	Displaced fracture of lateral condyle of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.121C	Displaced fracture of lateral condyle of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.122A	Displaced fracture of lateral condyle of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.122B	Displaced fracture of lateral condyle of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.122C	Displaced fracture of lateral condyle of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.123A	Displaced fracture of lateral condyle of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.123B	Displaced fracture of lateral condyle of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.123C	Displaced fracture of lateral condyle of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.124A	Nondisplaced fracture of lateral condyle of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.124B	Nondisplaced fracture of lateral condyle of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.124C	Nondisplaced fracture of lateral condyle of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.125A	Nondisplaced fracture of lateral condyle of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.125B	Nondisplaced fracture of lateral condyle of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.125C	Nondisplaced fracture of lateral condyle of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.126A	Nondisplaced fracture of lateral condyle of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.126B	Nondisplaced fracture of lateral condyle of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.126C	Nondisplaced fracture of lateral condyle of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.131A	Displaced fracture of medial condyle of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.131B	Displaced fracture of medial condyle of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.131C	Displaced fracture of medial condyle of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.132A	Displaced fracture of medial condyle of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.132B	Displaced fracture of medial condyle of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.132C	Displaced fracture of medial condyle of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.133A	Displaced fracture of medial condyle of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.133B	Displaced fracture of medial condyle of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.133C	Displaced fracture of medial condyle of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.134A	Nondisplaced fracture of medial condyle of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.134B	Nondisplaced fracture of medial condyle of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.134C	Nondisplaced fracture of medial condyle of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.135A	Nondisplaced fracture of medial condyle of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.135B	Nondisplaced fracture of medial condyle of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.135C	Nondisplaced fracture of medial condyle of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.136A	Nondisplaced fracture of medial condyle of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.136B	Nondisplaced fracture of medial condyle of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.136C	Nondisplaced fracture of medial condyle of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.141A	Displaced bicondylar fracture of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.141B	Displaced bicondylar fracture of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.141C	Displaced bicondylar fracture of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.142A	Displaced bicondylar fracture of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.142B	Displaced bicondylar fracture of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.142C	Displaced bicondylar fracture of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.143A	Displaced bicondylar fracture of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.143B	Displaced bicondylar fracture of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.143C	Displaced bicondylar fracture of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.144A	Nondisplaced bicondylar fracture of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.144B	Nondisplaced bicondylar fracture of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.144C	Nondisplaced bicondylar fracture of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.145A	Nondisplaced bicondylar fracture of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.145B	Nondisplaced bicondylar fracture of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.145C	Nondisplaced bicondylar fracture of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.146A	Nondisplaced bicondylar fracture of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.146B	Nondisplaced bicondylar fracture of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.146C	Nondisplaced bicondylar fracture of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.151A	Displaced fracture of right tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.151B	Displaced fracture of right tibial tuberosity, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.151C	Displaced fracture of right tibial tuberosity, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.152A	Displaced fracture of left tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.152B	Displaced fracture of left tibial tuberosity, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.152C	Displaced fracture of left tibial tuberosity, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.153A	Displaced fracture of unspecified tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.153B	Displaced fracture of unspecified tibial tuberosity, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.153C	Displaced fracture of unspecified tibial tuberosity, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.154A	Nondisplaced fracture of right tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.154B	Nondisplaced fracture of right tibial tuberosity, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.154C	Nondisplaced fracture of right tibial tuberosity, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.155A	Nondisplaced fracture of left tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.155B	Nondisplaced fracture of left tibial tuberosity, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.155C	Nondisplaced fracture of left tibial tuberosity, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.156A	Nondisplaced fracture of unspecified tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.156B	Nondisplaced fracture of unspecified tibial tuberosity, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.156C	Nondisplaced fracture of unspecified tibial tuberosity, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.161A	Torus fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.162A	Torus fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.169A	Torus fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.191A	Other fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.191B	Other fracture of upper end of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.191C	Other fracture of upper end of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.192A	Other fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.192B	Other fracture of upper end of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.192C	Other fracture of upper end of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.199A	Other fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.199B	Other fracture of upper end of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.199C	Other fracture of upper end of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.201A	Unspecified fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.201B	Unspecified fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.201C	Unspecified fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.202A	Unspecified fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.202B	Unspecified fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.202C	Unspecified fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.209A	Unspecified fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.209B	Unspecified fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.209C	Unspecified fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.221A	Displaced transverse fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.221B	Displaced transverse fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.221C	Displaced transverse fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.222A	Displaced transverse fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.222B	Displaced transverse fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.222C	Displaced transverse fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.223A	Displaced transverse fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.223B	Displaced transverse fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.223C	Displaced transverse fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.224A	Nondisplaced transverse fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.224B	Nondisplaced transverse fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.224C	Nondisplaced transverse fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.225A	Nondisplaced transverse fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.225B	Nondisplaced transverse fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.225C	Nondisplaced transverse fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.226A	Nondisplaced transverse fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.226B	Nondisplaced transverse fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.226C	Nondisplaced transverse fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.231A	Displaced oblique fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.231B	Displaced oblique fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.231C	Displaced oblique fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.232A	Displaced oblique fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.232B	Displaced oblique fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.232C	Displaced oblique fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.233A	Displaced oblique fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.233B	Displaced oblique fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.233C	Displaced oblique fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.234A	Nondisplaced oblique fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.234B	Nondisplaced oblique fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.234C	Nondisplaced oblique fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.235A	Nondisplaced oblique fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.235B	Nondisplaced oblique fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.235C	Nondisplaced oblique fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.236A	Nondisplaced oblique fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.236B	Nondisplaced oblique fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.236C	Nondisplaced oblique fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.241A	Displaced spiral fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.241B	Displaced spiral fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.241C	Displaced spiral fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.242A	Displaced spiral fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.242B	Displaced spiral fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.242C	Displaced spiral fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.243A	Displaced spiral fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.243B	Displaced spiral fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.243C	Displaced spiral fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.244A	Nondisplaced spiral fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.244B	Nondisplaced spiral fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.244C	Nondisplaced spiral fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.245A	Nondisplaced spiral fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.245B	Nondisplaced spiral fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.245C	Nondisplaced spiral fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.246A	Nondisplaced spiral fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.246B	Nondisplaced spiral fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.246C	Nondisplaced spiral fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.251A	Displaced comminuted fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.251B	Displaced comminuted fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.251C	Displaced comminuted fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.252A	Displaced comminuted fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.252B	Displaced comminuted fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.252C	Displaced comminuted fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.253A	Displaced comminuted fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.253B	Displaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.253C	Displaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.254A	Nondisplaced comminuted fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.254B	Nondisplaced comminuted fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.254C	Nondisplaced comminuted fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.255A	Nondisplaced comminuted fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.255B	Nondisplaced comminuted fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.255C	Nondisplaced comminuted fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.256A	Nondisplaced comminuted fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.256B	Nondisplaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.256C	Nondisplaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.261A	Displaced segmental fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.261B	Displaced segmental fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.261C	Displaced segmental fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.262A	Displaced segmental fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.262B	Displaced segmental fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.262C	Displaced segmental fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.263A	Displaced segmental fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.263B	Displaced segmental fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.263C	Displaced segmental fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.264A	Nondisplaced segmental fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.264B	Nondisplaced segmental fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.264C	Nondisplaced segmental fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.265A	Nondisplaced segmental fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.265B	Nondisplaced segmental fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.265C	Nondisplaced segmental fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.266A	Nondisplaced segmental fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.266B	Nondisplaced segmental fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.266C	Nondisplaced segmental fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.291A	Other fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.291B	Other fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.291C	Other fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.292A	Other fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.292B	Other fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.292C	Other fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.299A	Other fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.299B	Other fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.299C	Other fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.301A	Unspecified fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.301B	Unspecified fracture of lower end of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.301C	Unspecified fracture of lower end of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.302A	Unspecified fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.302B	Unspecified fracture of lower end of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.302C	Unspecified fracture of lower end of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.309A	Unspecified fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.309B	Unspecified fracture of lower end of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.309C	Unspecified fracture of lower end of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.311A	Torus fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.312A	Torus fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.319A	Torus fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.391A	Other fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.391B	Other fracture of lower end of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.391C	Other fracture of lower end of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.392A	Other fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.392B	Other fracture of lower end of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.392C	Other fracture of lower end of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.399A	Other fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.399B	Other fracture of lower end of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.399C	Other fracture of lower end of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.401A	Unspecified fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.401B	Unspecified fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.401C	Unspecified fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.402A	Unspecified fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.402B	Unspecified fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.402C	Unspecified fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.409A	Unspecified fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.409B	Unspecified fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.409C	Unspecified fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.421A	Displaced transverse fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.421B	Displaced transverse fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.421C	Displaced transverse fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.422A	Displaced transverse fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.422B	Displaced transverse fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.422C	Displaced transverse fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.423A	Displaced transverse fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.423B	Displaced transverse fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.423C	Displaced transverse fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.424A	Nondisplaced transverse fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.424B	Nondisplaced transverse fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.424C	Nondisplaced transverse fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.425A	Nondisplaced transverse fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.425B	Nondisplaced transverse fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.425C	Nondisplaced transverse fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.426A	Nondisplaced transverse fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.426B	Nondisplaced transverse fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.426C	Nondisplaced transverse fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.431A	Displaced oblique fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.431B	Displaced oblique fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.431C	Displaced oblique fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.432A	Displaced oblique fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.432B	Displaced oblique fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.432C	Displaced oblique fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.433A	Displaced oblique fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.433B	Displaced oblique fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.433C	Displaced oblique fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.434A	Nondisplaced oblique fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.434B	Nondisplaced oblique fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.434C	Nondisplaced oblique fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.435A	Nondisplaced oblique fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.435B	Nondisplaced oblique fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.435C	Nondisplaced oblique fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.436A	Nondisplaced oblique fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.436B	Nondisplaced oblique fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.436C	Nondisplaced oblique fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.441A	Displaced spiral fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.441B	Displaced spiral fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.441C	Displaced spiral fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.442A	Displaced spiral fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.442B	Displaced spiral fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.442C	Displaced spiral fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.443A	Displaced spiral fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.443B	Displaced spiral fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.443C	Displaced spiral fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.444A	Nondisplaced spiral fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.444B	Nondisplaced spiral fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.444C	Nondisplaced spiral fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.445A	Nondisplaced spiral fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.445B	Nondisplaced spiral fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.445C	Nondisplaced spiral fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.446A	Nondisplaced spiral fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.446B	Nondisplaced spiral fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.446C	Nondisplaced spiral fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.451A	Displaced comminuted fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.451B	Displaced comminuted fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.451C	Displaced comminuted fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.452A	Displaced comminuted fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.452B	Displaced comminuted fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.452C	Displaced comminuted fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.453A	Displaced comminuted fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.453B	Displaced comminuted fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.453C	Displaced comminuted fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.454A	Nondisplaced comminuted fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.454B	Nondisplaced comminuted fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.454C	Nondisplaced comminuted fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.455A	Nondisplaced comminuted fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.455B	Nondisplaced comminuted fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.455C	Nondisplaced comminuted fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.456A	Nondisplaced comminuted fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.456B	Nondisplaced comminuted fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.456C	Nondisplaced comminuted fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.461A	Displaced segmental fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.461B	Displaced segmental fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.461C	Displaced segmental fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.462A	Displaced segmental fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.462B	Displaced segmental fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.462C	Displaced segmental fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.463A	Displaced segmental fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.463B	Displaced segmental fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.463C	Displaced segmental fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.464A	Nondisplaced segmental fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.464B	Nondisplaced segmental fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.464C	Nondisplaced segmental fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.465A	Nondisplaced segmental fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.465B	Nondisplaced segmental fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.465C	Nondisplaced segmental fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.466A	Nondisplaced segmental fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.466B	Nondisplaced segmental fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.466C	Nondisplaced segmental fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.491A	Other fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.491B	Other fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.491C	Other fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.492A	Other fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.492B	Other fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.492C	Other fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.499A	Other fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.499B	Other fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.499C	Other fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.51XA	Displaced fracture of medial malleolus of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.51XB	Displaced fracture of medial malleolus of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.51XC	Displaced fracture of medial malleolus of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.52XA	Displaced fracture of medial malleolus of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.52XB	Displaced fracture of medial malleolus of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.52XC	Displaced fracture of medial malleolus of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.53XA	Displaced fracture of medial malleolus of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.53XB	Displaced fracture of medial malleolus of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.53XC	Displaced fracture of medial malleolus of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.54XA	Nondisplaced fracture of medial malleolus of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.54XB	Nondisplaced fracture of medial malleolus of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.54XC	Nondisplaced fracture of medial malleolus of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.55XA	Nondisplaced fracture of medial malleolus of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.55XB	Nondisplaced fracture of medial malleolus of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.55XC	Nondisplaced fracture of medial malleolus of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.56XA	Nondisplaced fracture of medial malleolus of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.56XB	Nondisplaced fracture of medial malleolus of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.56XC	Nondisplaced fracture of medial malleolus of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.61XA	Displaced fracture of lateral malleolus of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.61XB	Displaced fracture of lateral malleolus of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.61XC	Displaced fracture of lateral malleolus of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.62XA	Displaced fracture of lateral malleolus of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.62XB	Displaced fracture of lateral malleolus of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.62XC	Displaced fracture of lateral malleolus of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.63XA	Displaced fracture of lateral malleolus of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.63XB	Displaced fracture of lateral malleolus of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.63XC	Displaced fracture of lateral malleolus of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.64XA	Nondisplaced fracture of lateral malleolus of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.64XB	Nondisplaced fracture of lateral malleolus of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.64XC	Nondisplaced fracture of lateral malleolus of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.65XA	Nondisplaced fracture of lateral malleolus of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.65XB	Nondisplaced fracture of lateral malleolus of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.65XC	Nondisplaced fracture of lateral malleolus of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.66XA	Nondisplaced fracture of lateral malleolus of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.66XB	Nondisplaced fracture of lateral malleolus of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.66XC	Nondisplaced fracture of lateral malleolus of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.811A	Torus fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.812A	Torus fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.819A	Torus fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.821A	Torus fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.822A	Torus fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.829A	Torus fracture of lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.831A	Other fracture of upper and lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.831B	Other fracture of upper and lower end of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.831C	Other fracture of upper and lower end of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.832A	Other fracture of upper and lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.832B	Other fracture of upper and lower end of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.832C	Other fracture of upper and lower end of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.839A	Other fracture of upper and lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.839B	Other fracture of upper and lower end of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.839C	Other fracture of upper and lower end of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.841A	Displaced bimalleolar fracture of right lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.841B	Displaced bimalleolar fracture of right lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.841C	Displaced bimalleolar fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.842A	Displaced bimalleolar fracture of left lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.842B	Displaced bimalleolar fracture of left lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.842C	Displaced bimalleolar fracture of left lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.843A	Displaced bimalleolar fracture of unspecified lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.843B	Displaced bimalleolar fracture of unspecified lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.843C	Displaced bimalleolar fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.844A	Nondisplaced bimalleolar fracture of right lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.844B	Nondisplaced bimalleolar fracture of right lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.844C	Nondisplaced bimalleolar fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.845A	Nondisplaced bimalleolar fracture of left lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.845B	Nondisplaced bimalleolar fracture of left lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.845C	Nondisplaced bimalleolar fracture of left lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.846A	Nondisplaced bimalleolar fracture of unspecified lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.846B	Nondisplaced bimalleolar fracture of unspecified lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.846C	Nondisplaced bimalleolar fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.851A	Displaced trimalleolar fracture of right lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.851B	Displaced trimalleolar fracture of right lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.851C	Displaced trimalleolar fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.852A	Displaced trimalleolar fracture of left lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.852B	Displaced trimalleolar fracture of left lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.852C	Displaced trimalleolar fracture of left lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.853A	Displaced trimalleolar fracture of unspecified lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.853B	Displaced trimalleolar fracture of unspecified lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.853C	Displaced trimalleolar fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.854A	Nondisplaced trimalleolar fracture of right lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.854B	Nondisplaced trimalleolar fracture of right lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.854C	Nondisplaced trimalleolar fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.855A	Nondisplaced trimalleolar fracture of left lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.855B	Nondisplaced trimalleolar fracture of left lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.855C	Nondisplaced trimalleolar fracture of left lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.856A	Nondisplaced trimalleolar fracture of unspecified lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.856B	Nondisplaced trimalleolar fracture of unspecified lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.856C	Nondisplaced trimalleolar fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.861A	Displaced Maisonneuve's fracture of right leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.861B	Displaced Maisonneuve's fracture of right leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.861C	Displaced Maisonneuve's fracture of right leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.862A	Displaced Maisonneuve's fracture of left leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.862B	Displaced Maisonneuve's fracture of left leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.862C	Displaced Maisonneuve's fracture of left leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.863A	Displaced Maisonneuve's fracture of unspecified leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.863B	Displaced Maisonneuve's fracture of unspecified leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.863C	Displaced Maisonneuve's fracture of unspecified leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.864A	Nondisplaced Maisonneuve's fracture of right leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.864B	Nondisplaced Maisonneuve's fracture of right leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.864C	Nondisplaced Maisonneuve's fracture of right leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.865A	Nondisplaced Maisonneuve's fracture of left leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.865B	Nondisplaced Maisonneuve's fracture of left leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.865C	Nondisplaced Maisonneuve's fracture of left leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.866A	Nondisplaced Maisonneuve's fracture of unspecified leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.866B	Nondisplaced Maisonneuve's fracture of unspecified leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.866C	Nondisplaced Maisonneuve's fracture of unspecified leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.871A	Displaced pilon fracture of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.871B	Displaced pilon fracture of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.871C	Displaced pilon fracture of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.872A	Displaced pilon fracture of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.872B	Displaced pilon fracture of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.872C	Displaced pilon fracture of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.873A	Displaced pilon fracture of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.873B	Displaced pilon fracture of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.873C	Displaced pilon fracture of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.874A	Nondisplaced pilon fracture of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.874B	Nondisplaced pilon fracture of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.874C	Nondisplaced pilon fracture of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.875A	Nondisplaced pilon fracture of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.875B	Nondisplaced pilon fracture of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.875C	Nondisplaced pilon fracture of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.876A	Nondisplaced pilon fracture of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.876B	Nondisplaced pilon fracture of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.876C	Nondisplaced pilon fracture of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.891A	Other fracture of right lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.891B	Other fracture of right lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.891C	Other fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.892A	Other fracture of left lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.892B	Other fracture of left lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S82.892C	Other fracture of left lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.899A	Other fracture of unspecified lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.899B	Other fracture of unspecified lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.899C	Other fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.90XA	Unspecified fracture of unspecified lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.90XB	Unspecified fracture of unspecified lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.90XC	Unspecified fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.91XA	Unspecified fracture of right lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.91XB	Unspecified fracture of right lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.91XC	Unspecified fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.92XA	Unspecified fracture of left lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.92XB	Unspecified fracture of left lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.92XC	Unspecified fracture of left lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S89.001A	Unspecified physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.002A	Unspecified physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.009A	Unspecified physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.011A	Salter-Harris Type I physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.012A	Salter-Harris Type I physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.019A	Salter-Harris Type I physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.021A	Salter-Harris Type II physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.022A	Salter-Harris Type II physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.029A	Salter-Harris Type II physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S89.031A	Salter-Harris Type III physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.032A	Salter-Harris Type III physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.039A	Salter-Harris Type III physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.041A	Salter-Harris Type IV physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.042A	Salter-Harris Type IV physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.049A	Salter-Harris Type IV physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.091A	Other physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.092A	Other physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.099A	Other physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.101A	Unspecified physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.102A	Unspecified physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.109A	Unspecified physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.111A	Salter-Harris Type I physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.112A	Salter-Harris Type I physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.119A	Salter-Harris Type I physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.121A	Salter-Harris Type II physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.122A	Salter-Harris Type II physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.129A	Salter-Harris Type II physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.131A	Salter-Harris Type III physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.132A	Salter-Harris Type III physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S89.139A	Salter-Harris Type III physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.141A	Salter-Harris Type IV physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.142A	Salter-Harris Type IV physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.149A	Salter-Harris Type IV physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.191A	Other physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.192A	Other physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.199A	Other physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.201A	Unspecified physeal fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.202A	Unspecified physeal fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.209A	Unspecified physeal fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.211A	Salter-Harris Type I physeal fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.212A	Salter-Harris Type I physeal fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.219A	Salter-Harris Type I physeal fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.221A	Salter-Harris Type II physeal fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.222A	Salter-Harris Type II physeal fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.229A	Salter-Harris Type II physeal fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.291A	Other physeal fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.292A	Other physeal fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.299A	Other physeal fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.301A	Unspecified physeal fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S89.302A	Unspecified physeal fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.309A	Unspecified physeal fracture of lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.311A	Salter-Harris Type I physeal fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.312A	Salter-Harris Type I physeal fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.319A	Salter-Harris Type I physeal fracture of lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.321A	Salter-Harris Type II physeal fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.322A	Salter-Harris Type II physeal fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.329A	Salter-Harris Type II physeal fracture of lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.391A	Other physeal fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.392A	Other physeal fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.399A	Other physeal fracture of lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.001A	Unspecified fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.001B	Unspecified fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.002A	Unspecified fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.002B	Unspecified fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.009A	Unspecified fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.009B	Unspecified fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.011A	Displaced fracture of body of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.011B	Displaced fracture of body of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.012A	Displaced fracture of body of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.012B	Displaced fracture of body of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.013A	Displaced fracture of body of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.013B	Displaced fracture of body of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.014A	Nondisplaced fracture of body of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.014B	Nondisplaced fracture of body of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S92.015A	Nondisplaced fracture of body of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.015B	Nondisplaced fracture of body of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.016A	Nondisplaced fracture of body of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.016B	Nondisplaced fracture of body of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.021A	Displaced fracture of anterior process of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.021B	Displaced fracture of anterior process of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.022A	Displaced fracture of anterior process of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.022B	Displaced fracture of anterior process of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.023A	Displaced fracture of anterior process of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.023B	Displaced fracture of anterior process of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.024A	Nondisplaced fracture of anterior process of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.024B	Nondisplaced fracture of anterior process of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.025A	Nondisplaced fracture of anterior process of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.025B	Nondisplaced fracture of anterior process of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.026A	Nondisplaced fracture of anterior process of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.026B	Nondisplaced fracture of anterior process of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.031A	Displaced avulsion fracture of tuberosity of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.031B	Displaced avulsion fracture of tuberosity of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.032A	Displaced avulsion fracture of tuberosity of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.032B	Displaced avulsion fracture of tuberosity of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S92.033A	Displaced avulsion fracture of tuberosity of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.033B	Displaced avulsion fracture of tuberosity of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.034A	Nondisplaced avulsion fracture of tuberosity of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.034B	Nondisplaced avulsion fracture of tuberosity of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.035A	Nondisplaced avulsion fracture of tuberosity of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.035B	Nondisplaced avulsion fracture of tuberosity of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.036A	Nondisplaced avulsion fracture of tuberosity of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.036B	Nondisplaced avulsion fracture of tuberosity of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.041A	Displaced other fracture of tuberosity of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.041B	Displaced other fracture of tuberosity of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.042A	Displaced other fracture of tuberosity of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.042B	Displaced other fracture of tuberosity of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.043A	Displaced other fracture of tuberosity of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.043B	Displaced other fracture of tuberosity of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.044A	Nondisplaced other fracture of tuberosity of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.044B	Nondisplaced other fracture of tuberosity of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.045A	Nondisplaced other fracture of tuberosity of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.045B	Nondisplaced other fracture of tuberosity of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.046A	Nondisplaced other fracture of tuberosity of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.046B	Nondisplaced other fracture of tuberosity of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S92.051A	Displaced other extraarticular fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.051B	Displaced other extraarticular fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.052A	Displaced other extraarticular fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.052B	Displaced other extraarticular fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.053A	Displaced other extraarticular fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.053B	Displaced other extraarticular fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.054A	Nondisplaced other extraarticular fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.054B	Nondisplaced other extraarticular fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.055A	Nondisplaced other extraarticular fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.055B	Nondisplaced other extraarticular fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.056A	Nondisplaced other extraarticular fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.056B	Nondisplaced other extraarticular fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.061A	Displaced intraarticular fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.061B	Displaced intraarticular fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.062A	Displaced intraarticular fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.062B	Displaced intraarticular fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.063A	Displaced intraarticular fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.063B	Displaced intraarticular fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.064A	Nondisplaced intraarticular fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.064B	Nondisplaced intraarticular fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S92.065A	Nondisplaced intraarticular fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.065B	Nondisplaced intraarticular fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.066A	Nondisplaced intraarticular fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.066B	Nondisplaced intraarticular fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.101A	Unspecified fracture of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.101B	Unspecified fracture of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.102A	Unspecified fracture of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.102B	Unspecified fracture of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.109A	Unspecified fracture of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.109B	Unspecified fracture of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.111A	Displaced fracture of neck of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.111B	Displaced fracture of neck of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.112A	Displaced fracture of neck of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.112B	Displaced fracture of neck of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.113A	Displaced fracture of neck of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.113B	Displaced fracture of neck of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.114A	Nondisplaced fracture of neck of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.114B	Nondisplaced fracture of neck of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.115A	Nondisplaced fracture of neck of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.115B	Nondisplaced fracture of neck of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.116A	Nondisplaced fracture of neck of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.116B	Nondisplaced fracture of neck of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.121A	Displaced fracture of body of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.121B	Displaced fracture of body of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.122A	Displaced fracture of body of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.122B	Displaced fracture of body of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.123A	Displaced fracture of body of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.123B	Displaced fracture of body of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.124A	Nondisplaced fracture of body of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.124B	Nondisplaced fracture of body of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.125A	Nondisplaced fracture of body of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.125B	Nondisplaced fracture of body of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S92.126A	Nondisplaced fracture of body of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.126B	Nondisplaced fracture of body of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.131A	Displaced fracture of posterior process of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.131B	Displaced fracture of posterior process of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.132A	Displaced fracture of posterior process of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.132B	Displaced fracture of posterior process of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.133A	Displaced fracture of posterior process of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.133B	Displaced fracture of posterior process of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.134A	Nondisplaced fracture of posterior process of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.134B	Nondisplaced fracture of posterior process of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.135A	Nondisplaced fracture of posterior process of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.135B	Nondisplaced fracture of posterior process of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.136A	Nondisplaced fracture of posterior process of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.136B	Nondisplaced fracture of posterior process of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.141A	Displaced dome fracture of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.141B	Displaced dome fracture of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.142A	Displaced dome fracture of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.142B	Displaced dome fracture of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.143A	Displaced dome fracture of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.143B	Displaced dome fracture of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.144A	Nondisplaced dome fracture of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.144B	Nondisplaced dome fracture of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.145A	Nondisplaced dome fracture of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.145B	Nondisplaced dome fracture of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.146A	Nondisplaced dome fracture of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S92.146B	Nondisplaced dome fracture of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.151A	Displaced avulsion fracture (chip fracture) of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.151B	Displaced avulsion fracture (chip fracture) of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.152A	Displaced avulsion fracture (chip fracture) of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.152B	Displaced avulsion fracture (chip fracture) of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.153A	Displaced avulsion fracture (chip fracture) of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.153B	Displaced avulsion fracture (chip fracture) of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.154A	Nondisplaced avulsion fracture (chip fracture) of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.154B	Nondisplaced avulsion fracture (chip fracture) of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.155A	Nondisplaced avulsion fracture (chip fracture) of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.155B	Nondisplaced avulsion fracture (chip fracture) of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.156A	Nondisplaced avulsion fracture (chip fracture) of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.156B	Nondisplaced avulsion fracture (chip fracture) of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.191A	Other fracture of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.191B	Other fracture of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.192A	Other fracture of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.192B	Other fracture of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.199A	Other fracture of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.199B	Other fracture of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.201A	Fracture of unspecified tarsal bone(s) of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.201B	Fracture of unspecified tarsal bone(s) of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.202A	Fracture of unspecified tarsal bone(s) of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.202B	Fracture of unspecified tarsal bone(s) of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S92.209A	Fracture of unspecified tarsal bone(s) of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.209B	Fracture of unspecified tarsal bone(s) of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.211A	Displaced fracture of cuboid bone of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.211B	Displaced fracture of cuboid bone of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.212A	Displaced fracture of cuboid bone of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.212B	Displaced fracture of cuboid bone of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.213A	Displaced fracture of cuboid bone of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.213B	Displaced fracture of cuboid bone of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.214A	Nondisplaced fracture of cuboid bone of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.214B	Nondisplaced fracture of cuboid bone of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.215A	Nondisplaced fracture of cuboid bone of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.215B	Nondisplaced fracture of cuboid bone of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.216A	Nondisplaced fracture of cuboid bone of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.216B	Nondisplaced fracture of cuboid bone of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.221A	Displaced fracture of lateral cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.221B	Displaced fracture of lateral cuneiform of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.222A	Displaced fracture of lateral cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.222B	Displaced fracture of lateral cuneiform of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.223A	Displaced fracture of lateral cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.223B	Displaced fracture of lateral cuneiform of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.224A	Nondisplaced fracture of lateral cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S92.224B	Nondisplaced fracture of lateral cuneiform of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.225A	Nondisplaced fracture of lateral cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.225B	Nondisplaced fracture of lateral cuneiform of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.226A	Nondisplaced fracture of lateral cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.226B	Nondisplaced fracture of lateral cuneiform of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.231A	Displaced fracture of intermediate cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.231B	Displaced fracture of intermediate cuneiform of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.232A	Displaced fracture of intermediate cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.232B	Displaced fracture of intermediate cuneiform of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.233A	Displaced fracture of intermediate cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.233B	Displaced fracture of intermediate cuneiform of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.234A	Nondisplaced fracture of intermediate cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.234B	Nondisplaced fracture of intermediate cuneiform of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.235A	Nondisplaced fracture of intermediate cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.235B	Nondisplaced fracture of intermediate cuneiform of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.236A	Nondisplaced fracture of intermediate cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.236B	Nondisplaced fracture of intermediate cuneiform of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.241A	Displaced fracture of medial cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.241B	Displaced fracture of medial cuneiform of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.242A	Displaced fracture of medial cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S92.242B	Displaced fracture of medial cuneiform of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.243A	Displaced fracture of medial cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.243B	Displaced fracture of medial cuneiform of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.244A	Nondisplaced fracture of medial cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.244B	Nondisplaced fracture of medial cuneiform of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.245A	Nondisplaced fracture of medial cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.245B	Nondisplaced fracture of medial cuneiform of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.246A	Nondisplaced fracture of medial cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.246B	Nondisplaced fracture of medial cuneiform of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.251A	Displaced fracture of navicular [scaphoid] of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.251B	Displaced fracture of navicular [scaphoid] of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.252A	Displaced fracture of navicular [scaphoid] of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.252B	Displaced fracture of navicular [scaphoid] of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.253A	Displaced fracture of navicular [scaphoid] of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.253B	Displaced fracture of navicular [scaphoid] of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.254A	Nondisplaced fracture of navicular [scaphoid] of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.254B	Nondisplaced fracture of navicular [scaphoid] of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.255A	Nondisplaced fracture of navicular [scaphoid] of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.255B	Nondisplaced fracture of navicular [scaphoid] of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.256A	Nondisplaced fracture of navicular [scaphoid] of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S92.256B	Nondisplaced fracture of navicular [scaphoid] of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.301A	Fracture of unspecified metatarsal bone(s), right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.301B	Fracture of unspecified metatarsal bone(s), right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.302A	Fracture of unspecified metatarsal bone(s), left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.302B	Fracture of unspecified metatarsal bone(s), left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.309A	Fracture of unspecified metatarsal bone(s), unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.309B	Fracture of unspecified metatarsal bone(s), unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.311A	Displaced fracture of first metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.311B	Displaced fracture of first metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.312A	Displaced fracture of first metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.312B	Displaced fracture of first metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.313A	Displaced fracture of first metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.313B	Displaced fracture of first metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.314A	Nondisplaced fracture of first metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.314B	Nondisplaced fracture of first metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.315A	Nondisplaced fracture of first metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.315B	Nondisplaced fracture of first metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.316A	Nondisplaced fracture of first metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.316B	Nondisplaced fracture of first metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.321A	Displaced fracture of second metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S92.321B	Displaced fracture of second metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.322A	Displaced fracture of second metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.322B	Displaced fracture of second metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.323A	Displaced fracture of second metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.323B	Displaced fracture of second metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.324A	Nondisplaced fracture of second metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.324B	Nondisplaced fracture of second metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.325A	Nondisplaced fracture of second metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.325B	Nondisplaced fracture of second metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.326A	Nondisplaced fracture of second metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.326B	Nondisplaced fracture of second metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.331A	Displaced fracture of third metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.331B	Displaced fracture of third metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.332A	Displaced fracture of third metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.332B	Displaced fracture of third metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.333A	Displaced fracture of third metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.333B	Displaced fracture of third metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.334A	Nondisplaced fracture of third metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.334B	Nondisplaced fracture of third metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.335A	Nondisplaced fracture of third metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S92.335B	Nondisplaced fracture of third metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.336A	Nondisplaced fracture of third metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.336B	Nondisplaced fracture of third metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.341A	Displaced fracture of fourth metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.341B	Displaced fracture of fourth metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.342A	Displaced fracture of fourth metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.342B	Displaced fracture of fourth metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.343A	Displaced fracture of fourth metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.343B	Displaced fracture of fourth metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.344A	Nondisplaced fracture of fourth metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.344B	Nondisplaced fracture of fourth metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.345A	Nondisplaced fracture of fourth metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.345B	Nondisplaced fracture of fourth metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.346A	Nondisplaced fracture of fourth metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.346B	Nondisplaced fracture of fourth metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.351A	Displaced fracture of fifth metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.351B	Displaced fracture of fifth metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.352A	Displaced fracture of fifth metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.352B	Displaced fracture of fifth metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.353A	Displaced fracture of fifth metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S92.353B	Displaced fracture of fifth metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.354A	Nondisplaced fracture of fifth metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.354B	Nondisplaced fracture of fifth metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.355A	Nondisplaced fracture of fifth metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.355B	Nondisplaced fracture of fifth metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.356A	Nondisplaced fracture of fifth metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.356B	Nondisplaced fracture of fifth metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.401A	Displaced unspecified fracture of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.401B	Displaced unspecified fracture of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.402A	Displaced unspecified fracture of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.402B	Displaced unspecified fracture of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.403A	Displaced unspecified fracture of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.403B	Displaced unspecified fracture of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.404A	Nondisplaced unspecified fracture of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.404B	Nondisplaced unspecified fracture of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.405A	Nondisplaced unspecified fracture of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.405B	Nondisplaced unspecified fracture of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.406A	Nondisplaced unspecified fracture of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.406B	Nondisplaced unspecified fracture of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.411A	Displaced fracture of proximal phalanx of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S92.411B	Displaced fracture of proximal phalanx of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.412A	Displaced fracture of proximal phalanx of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.412B	Displaced fracture of proximal phalanx of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.413A	Displaced fracture of proximal phalanx of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.413B	Displaced fracture of proximal phalanx of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.414A	Nondisplaced fracture of proximal phalanx of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.414B	Nondisplaced fracture of proximal phalanx of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.415A	Nondisplaced fracture of proximal phalanx of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.415B	Nondisplaced fracture of proximal phalanx of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.416A	Nondisplaced fracture of proximal phalanx of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.416B	Nondisplaced fracture of proximal phalanx of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.421A	Displaced fracture of distal phalanx of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.421B	Displaced fracture of distal phalanx of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.422A	Displaced fracture of distal phalanx of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.422B	Displaced fracture of distal phalanx of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.423A	Displaced fracture of distal phalanx of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.423B	Displaced fracture of distal phalanx of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.424A	Nondisplaced fracture of distal phalanx of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.424B	Nondisplaced fracture of distal phalanx of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.425A	Nondisplaced fracture of distal phalanx of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S92.425B	Nondisplaced fracture of distal phalanx of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.426A	Nondisplaced fracture of distal phalanx of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.426B	Nondisplaced fracture of distal phalanx of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.491A	Other fracture of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.491B	Other fracture of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.492A	Other fracture of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.492B	Other fracture of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.499A	Other fracture of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.499B	Other fracture of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.501A	Displaced unspecified fracture of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.501B	Displaced unspecified fracture of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.502A	Displaced unspecified fracture of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.502B	Displaced unspecified fracture of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.503A	Displaced unspecified fracture of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.503B	Displaced unspecified fracture of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.504A	Nondisplaced unspecified fracture of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.504B	Nondisplaced unspecified fracture of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.505A	Nondisplaced unspecified fracture of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.505B	Nondisplaced unspecified fracture of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.506A	Nondisplaced unspecified fracture of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.506B	Nondisplaced unspecified fracture of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.511A	Displaced fracture of proximal phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.511B	Displaced fracture of proximal phalanx of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S92.512A	Displaced fracture of proximal phalanx of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.512B	Displaced fracture of proximal phalanx of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.513A	Displaced fracture of proximal phalanx of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.513B	Displaced fracture of proximal phalanx of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.514A	Nondisplaced fracture of proximal phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.514B	Nondisplaced fracture of proximal phalanx of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.515A	Nondisplaced fracture of proximal phalanx of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.515B	Nondisplaced fracture of proximal phalanx of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.516A	Nondisplaced fracture of proximal phalanx of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.516B	Nondisplaced fracture of proximal phalanx of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.521A	Displaced fracture of middle phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.521B	Displaced fracture of middle phalanx of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.522A	Displaced fracture of middle phalanx of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.522B	Displaced fracture of middle phalanx of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.523A	Displaced fracture of middle phalanx of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.523B	Displaced fracture of middle phalanx of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.524A	Nondisplaced fracture of middle phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.524B	Nondisplaced fracture of middle phalanx of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.525A	Nondisplaced fracture of middle phalanx of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.525B	Nondisplaced fracture of middle phalanx of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S92.526A	Nondisplaced fracture of middle phalanx of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.526B	Nondisplaced fracture of middle phalanx of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.531A	Displaced fracture of distal phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.531B	Displaced fracture of distal phalanx of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.532A	Displaced fracture of distal phalanx of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.532B	Displaced fracture of distal phalanx of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.533A	Displaced fracture of distal phalanx of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.533B	Displaced fracture of distal phalanx of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.534A	Nondisplaced fracture of distal phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.534B	Nondisplaced fracture of distal phalanx of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.535A	Nondisplaced fracture of distal phalanx of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.535B	Nondisplaced fracture of distal phalanx of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.536A	Nondisplaced fracture of distal phalanx of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.536B	Nondisplaced fracture of distal phalanx of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.591A	Other fracture of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.591B	Other fracture of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.592A	Other fracture of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.592B	Other fracture of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.599A	Other fracture of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.599B	Other fracture of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.811A	Other fracture of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.811B	Other fracture of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.812A	Other fracture of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.812B	Other fracture of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.819A	Other fracture of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.819B	Other fracture of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S92.901A	Unspecified fracture of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.901B	Unspecified fracture of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.902A	Unspecified fracture of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.902B	Unspecified fracture of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.909A	Unspecified fracture of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.909B	Unspecified fracture of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.911A	Unspecified fracture of right toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.911B	Unspecified fracture of right toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.912A	Unspecified fracture of left toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.912B	Unspecified fracture of left toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.919A	Unspecified fracture of unspecified toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.919B	Unspecified fracture of unspecified toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.001A	Unspecified physeal fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.001B	Unspecified physeal fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.002A	Unspecified physeal fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.002B	Unspecified physeal fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.009A	Unspecified physeal fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.009B	Unspecified physeal fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.011A	Salter-Harris Type I physeal fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.011B	Salter-Harris Type I physeal fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.012A	Salter-Harris Type I physeal fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.012B	Salter-Harris Type I physeal fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.019A	Salter-Harris Type I physeal fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.019B	Salter-Harris Type I physeal fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.021A	Salter-Harris Type II physeal fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.021B	Salter-Harris Type II physeal fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.022A	Salter-Harris Type II physeal fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S99.022B	Salter-Harris Type II physeal fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.029A	Salter-Harris Type II physeal fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.029B	Salter-Harris Type II physeal fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.031A	Salter-Harris Type III physeal fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.031B	Salter-Harris Type III physeal fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.032A	Salter-Harris Type III physeal fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.032B	Salter-Harris Type III physeal fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.039A	Salter-Harris Type III physeal fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.039B	Salter-Harris Type III physeal fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.041A	Salter-Harris Type IV physeal fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.041B	Salter-Harris Type IV physeal fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.042A	Salter-Harris Type IV physeal fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.042B	Salter-Harris Type IV physeal fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.049A	Salter-Harris Type IV physeal fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.049B	Salter-Harris Type IV physeal fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.091A	Other physeal fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.091B	Other physeal fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.092A	Other physeal fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.092B	Other physeal fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.099A	Other physeal fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.099B	Other physeal fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.101A	Unspecified physeal fracture of right metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S99.101B	Unspecified physeal fracture of right metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.102A	Unspecified physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.102B	Unspecified physeal fracture of left metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.109A	Unspecified physeal fracture of unspecified metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.109B	Unspecified physeal fracture of unspecified metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.111A	Salter-Harris Type I physeal fracture of right metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.111B	Salter-Harris Type I physeal fracture of right metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.112A	Salter-Harris Type I physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.112B	Salter-Harris Type I physeal fracture of left metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.119A	Salter-Harris Type I physeal fracture of unspecified metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.119B	Salter-Harris Type I physeal fracture of unspecified metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.121A	Salter-Harris Type II physeal fracture of right metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.121B	Salter-Harris Type II physeal fracture of right metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.122A	Salter-Harris Type II physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.122B	Salter-Harris Type II physeal fracture of left metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.129A	Salter-Harris Type II physeal fracture of unspecified metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.129B	Salter-Harris Type II physeal fracture of unspecified metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.131A	Salter-Harris Type III physeal fracture of right metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.131B	Salter-Harris Type III physeal fracture of right metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.132A	Salter-Harris Type III physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S99.132B	Salter-Harris Type III physeal fracture of left metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.139A	Salter-Harris Type III physeal fracture of unspecified metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.139B	Salter-Harris Type III physeal fracture of unspecified metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.141A	Salter-Harris Type IV physeal fracture of right metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.141B	Salter-Harris Type IV physeal fracture of right metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.142A	Salter-Harris Type IV physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.142B	Salter-Harris Type IV physeal fracture of left metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.149A	Salter-Harris Type IV physeal fracture of unspecified metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.149B	Salter-Harris Type IV physeal fracture of unspecified metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.191A	Other physeal fracture of right metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.191B	Other physeal fracture of right metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.192A	Other physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.192B	Other physeal fracture of left metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.199A	Other physeal fracture of unspecified metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.199B	Other physeal fracture of unspecified metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.201A	Unspecified physeal fracture of phalanx of right toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.201B	Unspecified physeal fracture of phalanx of right toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.202A	Unspecified physeal fracture of phalanx of left toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.202B	Unspecified physeal fracture of phalanx of left toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.209A	Unspecified physeal fracture of phalanx of unspecified toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.209B	Unspecified physeal fracture of phalanx of unspecified toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.211A	Salter-Harris Type I physeal fracture of phalanx of right toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S99.211B	Salter-Harris Type I physeal fracture of phalanx of right toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.212A	Salter-Harris Type I physeal fracture of phalanx of left toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.212B	Salter-Harris Type I physeal fracture of phalanx of left toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.219A	Salter-Harris Type I physeal fracture of phalanx of unspecified toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.219B	Salter-Harris Type I physeal fracture of phalanx of unspecified toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.221A	Salter-Harris Type II physeal fracture of phalanx of right toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.221B	Salter-Harris Type II physeal fracture of phalanx of right toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.222A	Salter-Harris Type II physeal fracture of phalanx of left toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.222B	Salter-Harris Type II physeal fracture of phalanx of left toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.229A	Salter-Harris Type II physeal fracture of phalanx of unspecified toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.229B	Salter-Harris Type II physeal fracture of phalanx of unspecified toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.231A	Salter-Harris Type III physeal fracture of phalanx of right toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.231B	Salter-Harris Type III physeal fracture of phalanx of right toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.232A	Salter-Harris Type III physeal fracture of phalanx of left toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.232B	Salter-Harris Type III physeal fracture of phalanx of left toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.239A	Salter-Harris Type III physeal fracture of phalanx of unspecified toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.239B	Salter-Harris Type III physeal fracture of phalanx of unspecified toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.241A	Salter-Harris Type IV physeal fracture of phalanx of right toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.241B	Salter-Harris Type IV physeal fracture of phalanx of right toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.242A	Salter-Harris Type IV physeal fracture of phalanx of left toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition Category II (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Inclusion and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
S99.242B	Salter-Harris Type IV physeal fracture of phalanx of left toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.249A	Salter-Harris Type IV physeal fracture of phalanx of unspecified toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.249B	Salter-Harris Type IV physeal fracture of phalanx of unspecified toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.291A	Other physeal fracture of phalanx of right toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.291B	Other physeal fracture of phalanx of right toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.292A	Other physeal fracture of phalanx of left toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.292B	Other physeal fracture of phalanx of left toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.299A	Other physeal fracture of phalanx of unspecified toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.299B	Other physeal fracture of phalanx of unspecified toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
T14.8XXA	Other injury of unspecified body region, initial encounter	Diagnosis	ICD-10-CM

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
Anticoagulants	
ANISINDIONE	Miradon
APIXABAN	Eliquis
ARDEPARIN SODIUM,PORCINE	Normiflo
ARGATROBAN	argatroban
ARGATROBAN IN 0.9 % SODIUM CHLORIDE	argatroban in 0.9 % sod chlor
ARGATROBAN IN SODIUM CHLORIDE, ISO-OSMOTIC	argatroban in NaCl (iso-os)
BETRIXABAN MALEATE	Bevyxxa
BIVALIRUDIN	bivalirudin
BIVALIRUDIN	Angiomax
DABIGATRAN ETEXILATE MESYLATE	Pradaxa
DALTEPARIN SODIUM,PORCINE	Fragmin
DANAPAROID SODIUM,PORCINE	Orgaran
DESIRUDIN	Iprivask
DICUMAROL	dicumarol
EDOXABAN TOSYLATE	Savaysa
ENOXAPARIN SODIUM	Lovenox
ENOXAPARIN SODIUM	enoxaparin
FONDAPARINUX SODIUM	fondaparinux
FONDAPARINUX SODIUM	Arixtra
HEPARIN SODIUM,BEEF	heparin (bovine)
HEPARIN SODIUM,PORCINE	heparin (porcine)
HEPARIN SODIUM,PORCINE	Heparin Lock
HEPARIN SODIUM,PORCINE	heparin lock flush (porcine)
HEPARIN SODIUM,PORCINE	Hep-Lock
HEPARIN SODIUM,PORCINE	Hep-Lock Flush
HEPARIN SODIUM,PORCINE	heparin lock flush
HEPARIN SODIUM,PORCINE	Vasceze
HEPARIN SODIUM,PORCINE IN 0.45 % SODIUM CHLORIDE	heparin(porcine) in 0.45% NaCl
HEPARIN SODIUM,PORCINE IN 0.45 % SODIUM CHLORIDE/PF	heparin (porc)-0.45% NaCl (PF)
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Heparin Combination
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	heparin flush(porcine)-0.9NaCl
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	heparin (porcine) in 0.9% NaCl
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Lok-Pak Heparin Flush
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Hep-Pak
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Heparin Flush
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Lok-Pak-N Heparin Flush
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Lok-Pak-N
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE/PF	heparin (porcine) in NaCl (PF)
HEPARIN SODIUM,PORCINE/DEXTROSE 5 % IN WATER	heparin (porcine) in 5 % dex
HEPARIN SODIUM,PORCINE/DEXTROSE 5 % IN WATER/PF	heparin (porcine) in D5W (PF)
HEPARIN SODIUM,PORCINE/PF	heparin, porcine (PF)
HEPARIN SODIUM,PORCINE/PF	Hep Flush-10 (PF)
HEPARIN SODIUM,PORCINE/PF	Hep-Lock U/P PF

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
HEPARIN SODIUM,PORCINE/PF	Heparin LockFlush(Porcine)(PF)
HEPARIN SODIUM,PORCINE/PF	Monoject Prefill (PF)
HEPARIN SODIUM,PORCINE/PF	Monoject Prefill Advanced (PF)
LEPIRUDIN,RECOMBINANT	Refludan
RIVAROXABAN	Xarelto
TINZAPARIN SODIUM,PORCINE	Innohep
WARFARIN SODIUM	Coumadin
WARFARIN SODIUM	warfarin
WARFARIN SODIUM	Jantoven
Anti-Epileptic Drugs	
BRIVARACETAM	Briviact
CARBAMAZEPINE	Equetro
CARBAMAZEPINE	carbamazepine
CARBAMAZEPINE	Tegretol XR
CARBAMAZEPINE	Carbatrol
CARBAMAZEPINE	Tegretol
CARBAMAZEPINE	Atretol
CARBAMAZEPINE	Epitol
CLOBAZAM	Onfi
CLONAZEPAM	clonazepam
CLONAZEPAM	Klonopin
CLONAZEPAM	Ceberclon
DIAZEPAM	diazepam
DIAZEPAM	Diastat Pediatric
DIAZEPAM	Diastat AcuDial
DIAZEPAM	Diastat
DIAZEPAM	Diastat Universal
DIVALPROEX SODIUM	divalproex
DIVALPROEX SODIUM	Depakote
DIVALPROEX SODIUM	Depakote Sprinkles
DIVALPROEX SODIUM	Depakote ER
ESLICARBAZEPINE ACETATE	Aptiom
ETHOSUXIMIDE	ethosuximide
ETHOSUXIMIDE	Zarontin
ETHOTOIN	Peganone
EZOGABINE	Potiga
FELBAMATE	felbamate
FELBAMATE	Felbatol
FOSPHENYTOIN SODIUM	fosphenytoin
FOSPHENYTOIN SODIUM	Cerebyx
GABAPENTIN	Fanatrex
GABAPENTIN	gabapentin
GABAPENTIN	Neurontin
GABAPENTIN	Gabarone

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
GABAPENTIN/CAPSAICIN/METHYL SALICYLATE/MENTHOL	SmartRx Gaba-V Kit
GABAPENTIN/DIETARY SUPPLEMENT, MISC COMBO NO.11	Therapentin-90
GABAPENTIN/DIETARY SUPPLEMENT, MISC COMBO NO.11	Therapentin-60
GABAPENTIN/LIDOCAINE HCL/MENTHOL	SmartRx GabaKit
GABAPENTIN/LIDOCAINE HCL/MENTHOL	Active-Pac
LACOSAMIDE	Vimpat
LAMOTRIGINE	Lamictal
LAMOTRIGINE	lamotrigine
LAMOTRIGINE	Lamictal ODT Starter (Green)
LAMOTRIGINE	Lamictal ODT Starter (Blue)
LAMOTRIGINE	Lamictal XR Starter (Blue)
LAMOTRIGINE	Lamictal XR
LAMOTRIGINE	Lamictal ODT
LAMOTRIGINE	Lamictal Starter (Orange) Kit
LAMOTRIGINE	Lamictal Starter (Green) Kit
LAMOTRIGINE	Lamictal XR Starter (Green)
LAMOTRIGINE	Lamictal ODT Starter (Orange)
LAMOTRIGINE	Lamictal Starter (Blue) Kit
LAMOTRIGINE	Lamictal XR Starter (Orange)
LEVETIRACETAM	levetiracetam
LEVETIRACETAM	Keppra
LEVETIRACETAM	Spritam
LEVETIRACETAM	Roweepra
LEVETIRACETAM	Keppra XR
LEVETIRACETAM IN SODIUM CHLORIDE, ISO-OSMOTIC	levetiracetam in NaCl (iso-os)
MEPHENYTOIN	Mesantoin
METHSUXIMIDE	Celontin
OXCARBAZEPINE	oxcarbazepine
OXCARBAZEPINE	Trileptal
OXCARBAZEPINE	Oxtellar XR
PARAMETHADIONE	Paradione
PERAMPANEL	Fycompa
PHENOBARBITAL	phenobarbital
PHENOBARBITAL SODIUM	phenobarbital sodium
PHENOBARBITAL SODIUM	Luminal
PHENYTOIN	phenytoin
PHENYTOIN	Dilantin Infatabs
PHENYTOIN	Dilantin-125
PHENYTOIN SODIUM	phenytoin sodium
PHENYTOIN SODIUM	Di-Phen
PHENYTOIN SODIUM EXTENDED	phenytoin sodium extended
PHENYTOIN SODIUM EXTENDED	Dilantin Kapseal
PHENYTOIN SODIUM EXTENDED	Dilantin Extended
PHENYTOIN SODIUM EXTENDED	Phenytek

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
PHENYTOIN SODIUM EXTENDED	Dilantin
PREGABALIN	Lyrica
PRIMIDONE	primidone
PRIMIDONE	Mysoline
RUFINAMIDE	Banzel
TIAGABINE HCL	Gabitril
TIAGABINE HCL	tiagabine
TOPIRAMATE	topiramate
TOPIRAMATE	Topamax
TOPIRAMATE	Trokendi XR
TOPIRAMATE	Qudexy XR
TOPIRAMATE	Topiragen
VALPROIC ACID	valproic acid
VALPROIC ACID	Stavzor
VALPROIC ACID	Depakene
VALPROIC ACID (AS SODIUM SALT) (VALPROATE SODIUM)	valproate sodium
VALPROIC ACID (AS SODIUM SALT) (VALPROATE SODIUM)	Depacon
VALPROIC ACID (AS SODIUM SALT) (VALPROATE SODIUM)	valproic acid (as sodium salt)
VIGABATRIN	vigabatrin
VIGABATRIN	Sabril
ZONISAMIDE	zonisamide
ZONISAMIDE	Zonegran
Beta Blockers	
ACEBUTOLOL HCL	acebutolol
ACEBUTOLOL HCL	Sectral
ATENOLOL	atenolol
ATENOLOL	Tenormin
ATENOLOL	Senormin
ATENOLOL/CHLORTHALIDONE	atenolol-chlorthalidone
ATENOLOL/CHLORTHALIDONE	Tenoretic 50
ATENOLOL/CHLORTHALIDONE	Tenoretic 100
BETAXOLOL HCL	betaxolol
BETAXOLOL HCL	Kerlone
BISOPROLOL FUMARATE	bisoprolol fumarate
BISOPROLOL FUMARATE	Zebeta
BISOPROLOL FUMARATE/HYDROCHLOROTHIAZIDE	Ziac
BISOPROLOL FUMARATE/HYDROCHLOROTHIAZIDE	bisoprolol-hydrochlorothiazide
CARTEOLOL HCL	Cartrol
CARVEDILOL	carvedilol
CARVEDILOL	Coreg
CARVEDILOL PHOSPHATE	Coreg CR
CARVEDILOL PHOSPHATE	carvedilol phosphate
ESMOLOL HCL	esmolol
ESMOLOL HCL	Brevibloc

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
ESMOLOL HCL IN SODIUM CHLORIDE, ISO-OSMOTIC	Brevibloc in NaCl (iso-osm)
LABETALOL HCL	labetalol
LABETALOL HCL	Trandate
LABETALOL HCL	Normodyne
LABETALOL IN DEXTROSE 5 % IN WATER	labetalol in dextrose 5 %
METOPROLOL SUCCINATE	metoprolol succinate
METOPROLOL SUCCINATE	Toprol XL
METOPROLOL SUCCINATE/HYDROCHLOROTHIAZIDE	metoprolol su-hydrochlorothiaz
METOPROLOL SUCCINATE/HYDROCHLOROTHIAZIDE	Dutoprol
METOPROLOL TARTRATE	metoprolol tartrate
METOPROLOL TARTRATE	Lopressor
METOPROLOL TARTRATE/DIETARY SUPPLEMENT, COMB.10	Hypertensolol
METOPROLOL TARTRATE/HYDROCHLOROTHIAZIDE	Lopressor HCT
METOPROLOL TARTRATE/HYDROCHLOROTHIAZIDE	metoprolol ta-hydrochlorothiaz
NADOLOL	nadolol
NADOLOL	Corgard
NADOLOL/BENDROFLUMETHIAZIDE	Corzide
NADOLOL/BENDROFLUMETHIAZIDE	nadolol-bendroflumethiazide
NEBIVOLOL HCL	Bystolic
PENBUTOLOL SULFATE	Levatol
PINDOLOL	pindolol
PINDOLOL	Visken
PROPRANOLOL HCL	propranolol
PROPRANOLOL HCL	Inderal
PROPRANOLOL HCL	Inderal LA
PROPRANOLOL HCL	InnoPran XL
PROPRANOLOL HCL	Hemangeol
PROPRANOLOL HCL	Inderal XL
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	propranolol-hydrochlorothiazid
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	Inderide
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	Inderide LA
SOTALOL HCL	Betapace AF
SOTALOL HCL	sotalol
SOTALOL HCL	Sotalol AF
SOTALOL HCL	Betapace
SOTALOL HCL	Sotylize
SOTALOL HCL	Sorine
TIMOLOL MALEATE	timolol maleate
TIMOLOL MALEATE	Blocadren
TIMOLOL MALEATE/HYDROCHLOROTHIAZIDE	Timolide
Bisphosphonates	
ALENDRONATE SODIUM	Fosamax
ALENDRONATE SODIUM	alendronate
ALENDRONATE SODIUM	Binosto

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
ALENDRONATE SODIUM/CHOLECALCIFEROL (VITAMIN D3)	Fosamax Plus D
ETIDRONATE DISODIUM	Didronel
ETIDRONATE DISODIUM	etidronate disodium
IBANDRONATE SODIUM	Boniva
IBANDRONATE SODIUM	ibandronate
PAMIDRONATE DISODIUM	pamidronate
PAMIDRONATE DISODIUM	Aredia
RISEDRONATE SODIUM	Actonel
RISEDRONATE SODIUM	risedronate
RISEDRONATE SODIUM	Atelvia
RISEDRONATE SODIUM/CALCIUM CARBONATE	Actonel with Calcium
TILUDRONATE DISODIUM	Skelid
ZOLEDRONIC ACID	Zometa
ZOLEDRONIC ACID	zoledronic acid
ZOLEDRONIC ACID IN MANNITOL AND 0.9 % SODIUM CHLORIDE	zoledronic ac-mannitol-0.9NaCl
ZOLEDRONIC ACID IN MANNITOL AND WATER FOR INJECTION	Reclast
ZOLEDRONIC ACID IN MANNITOL AND WATER FOR INJECTION	zoledronic acid-mannitol-water
Chemotherapy	
ABARELIX	Plenaxis
ABEMACICLIB	Verzenio
ABIRATERONE ACETATE	Zytiga
ACALABRUTINIB	Calquence
ADO-TRASTUZUMAB EMTANSINE	Kadcyla
AFATINIB DIMALEATE	Gilotrif
ALDESLEUKIN	Proleukin
ALECTINIB HCL	Alecensa
ALEMTUZUMAB	Campath
ALTRETAMINE	Hexalen
AMINOGLUTETHIMIDE	Cytadren
ANASTROZOLE	Arimidex 30-day Pack
ANASTROZOLE	anastrozole
ANASTROZOLE	Arimidex
ARSENIC TRIOXIDE	Trisenox
ASPARAGINASE	Elspar
ASPARAGINASE (ERWINIA CHRYSANTHEMI)	Erwinaze
ATEZOLIZUMAB	Tecentriq
AVELUMAB	Bavencio
AXICABTAGENE CILOLEUCEL	Yescarta
AXITINIB	Inlyta
AZACITIDINE	azacitidine
AZACITIDINE	Vidaza
BCG LIVE	Theracys
BCG LIVE	Tice BCG
BELINOSTAT	Beleodaq

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
BENDAMUSTINE HCL	Treanda
BENDAMUSTINE HCL	Bendeka
BEVACIZUMAB	Avastin
BEXAROTENE	bexarotene
BEXAROTENE	Targretin
BICALUTAMIDE	bicalutamide
BICALUTAMIDE	Casodex
BLEOMYCIN SULFATE	bleomycin
BLEOMYCIN SULFATE	Blenoxane
BLEOMYCIN SULFATE	Bleo 15K
BLINATUMOMAB	Blincyto
BORTEZOMIB	Velcade
BORTEZOMIB	bortezomib
BOSUTINIB	Bosulif
BRENTUXIMAB VEDOTIN	Adcetris
BRIGATINIB	Alunbrig
BUSULFAN	Busulfex
BUSULFAN	busulfan
BUSULFAN	Myleran
CABAZITAXEL	Jevtana
CABOZANTINIB S-MALATE	Cabometyx
CABOZANTINIB S-MALATE	Cometriq
CAPECITABINE	capecitabine
CAPECITABINE	Xeloda
CARBOPLATIN	carboplatin
CARBOPLATIN	Paraplatin
CARFILZOMIB	Kyprolis
CARMUSTINE	BiCNU
CARMUSTINE IN POLIFEPROSAN 20	Gliadel Wafer
CERITINIB	Zykadia
CETUXIMAB	Erbix
CHLORAMBUCIL	Leukeran
CISPLATIN	cisplatin
CISPLATIN	Platinol AQ
CLADRIBINE	cladribine
CLADRIBINE	Leustatin
CLOFARABINE	clofarabine
CLOFARABINE	Clolar
COBIMETINIB FUMARATE	Cotellic
COPANLISIB DI-HCL	Aliqopa
CRIZOTINIB	Xalkori
CROMOLYN SODIUM	cromolyn
CROMOLYN SODIUM	Gastrocrom
CYCLOPHOSPHAMIDE	cyclophosphamide

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
CYCLOPHOSPHAMIDE	Cytoxan Lyophilized
CYCLOPHOSPHAMIDE	Neosar
CYCLOPHOSPHAMIDE	Cytoxan
CYTARABINE	Cytosar-U
CYTARABINE	cytarabine
CYTARABINE	Tarabine Pfs
CYTARABINE LIPOSOME/PF	DepoCyt (PF)
CYTARABINE/PF	cytarabine (PF)
DABRAFENIB MESYLATE	Tafinlar
DACARBAZINE	dacarbazine
DACARBAZINE	DTIC-Dome
DACTINOMYCIN	Cosmegen
DACTINOMYCIN	dactinomycin
DARATUMUMAB	Darzalex
DASATINIB	Sprycel
DAUNORUBICIN CITRATE LIPOSOMAL	DaunoXome
DAUNORUBICIN HCL	daunorubicin
DAUNORUBICIN HCL	Cerubidine
DAUNORUBICIN/CYTARABINE LIPOSOMAL	Vyxeos
DECITABINE	Dacogen
DECITABINE	decitabine
DEGARELIX ACETATE	Firmagon kit w diluent syringe
DEGARELIX ACETATE	Firmagon
DENILEUKIN DIFTITOX	Ontak
DIETHYLSTILBESTROL DIPHOSPHATE	Stilphostrol
DINUTUXIMAB	Unituxin
DOCETAXEL	docetaxel
DOCETAXEL	Taxotere
DOCETAXEL	Docefrez
DOXORUBICIN HCL	doxorubicin
DOXORUBICIN HCL	Adriamycin
DOXORUBICIN HCL	Adriamycin PFS
DOXORUBICIN HCL	Adriamycin RDF
DOXORUBICIN HCL	Rubex
DOXORUBICIN HCL PEGYLATED LIPOSOMAL	doxorubicin, peg-liposomal
DOXORUBICIN HCL PEGYLATED LIPOSOMAL	Lipodox
DOXORUBICIN HCL PEGYLATED LIPOSOMAL	Doxil
DOXORUBICIN HCL PEGYLATED LIPOSOMAL	Lipodox 50
DURVALUMAB	Imfinzi
ELOTUZUMAB	Empliciti
ENASIDENIB MESYLATE	Idhifa
ENZALUTAMIDE	Xtandi
EPIRUBICIN HCL	epirubicin
EPIRUBICIN HCL	Ellence

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
ERIBULIN MESYLATE	Halaven
ERLOTINIB HCL	Tarceva
ESTRAMUSTINE PHOSPHATE SODIUM	Emcyt
ETOPOSIDE	etoposide
ETOPOSIDE	VePesid
ETOPOSIDE	Toposar
ETOPOSIDE PHOSPHATE	Etopophos
EVEROLIMUS	Afinitor Disperz
EVEROLIMUS	Afinitor
EXEMESTANE	Aromasin
EXEMESTANE	exemestane
FLOXURIDINE	FUDR
FLOXURIDINE	floxuridine
FLUDARABINE PHOSPHATE	fludarabine
FLUDARABINE PHOSPHATE	Fludara
FLUDARABINE PHOSPHATE	Oforta
FLUOROURACIL	fluorouracil
FLUOROURACIL	Adrucil
FLUTAMIDE	flutamide
FLUTAMIDE	Eulexin
FULVESTRANT	Faslodex
GEFITINIB	Iressa
GEMCITABINE HCL	gemcitabine
GEMCITABINE HCL	Gemzar
GEMTUZUMAB OZOGAMICIN	Mylotarg
GOSERELIN ACETATE	Zoladex
HISTRELIN ACETATE	Vantas
HYDROXYUREA	hydroxyurea
HYDROXYUREA	Hydrea
HYDROXYUREA	Mylocel
IBRUTINIB	Imbruvica
IDARUBICIN HCL	idarubicin
IDARUBICIN HCL	Idamycin PFS
IDARUBICIN HCL	Idamycin
IDELALISIB	Zydelig
IFOSFAMIDE	ifosfamide
IFOSFAMIDE	Ifex
IFOSFAMIDE/MESNA	ifosfamide-mesna
IFOSFAMIDE/MESNA	Ifex/Mesnex
IMATINIB MESYLATE	imatinib
IMATINIB MESYLATE	Gleevec
INOTUZUMAB OZOGAMICIN	Besponsa
INTERFERON ALFA-2A,RECOMB.	Roferon-A
INTERFERON ALFA-2B,RECOMB.	Intron A

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
IPILIMUMAB	Yervoy
IRINOTECAN HCL	Camptosar
IRINOTECAN HCL	irinotecan
IRINOTECAN LIPOSOMAL	Onivyde
IXABEPILONE	Ixempra
IXAZOMIB CITRATE	Ninlaro
KIT FOR PREP INDIUM-111/IBRITUMOMAB TIUXETAN/ALBUMIN HUMAN	Zevalin (In-111)
KIT FOR PREP YTTRIUM-90/IBRITUMOMAB TIUXETAN/ALBUMIN HUMAN	Zevalin (Y-90)
LAPATINIB DITOSYLATE	Tykerb
LENALIDOMIDE	Revlimid
LENVATINIB MESYLATE	Lenvima
LETROZOLE	letrozole
LETROZOLE	Femara
LEUPROLIDE ACETATE	Lupron Depot (6 Month)
LEUPROLIDE ACETATE	Lupron Depot
LEUPROLIDE ACETATE	Lupron Depot (4 month)
LEUPROLIDE ACETATE	Lupron Depot (3 month)
LEUPROLIDE ACETATE	leuprolide
LEUPROLIDE ACETATE	Eligard (6 month)
LEUPROLIDE ACETATE	Eligard (4 month)
LEUPROLIDE ACETATE	Lupron
LEUPROLIDE ACETATE	Eligard
LEUPROLIDE ACETATE	Eligard (3 month)
LEUPROLIDE ACETATE/LIDOCAINE HCL	Viadur
LEVAMISOLE HCL	Ergamisol
LOMUSTINE	lomustine
LOMUSTINE	CeeNU
LOMUSTINE	Gleostine
LUTETIUM LU 177 DOTATATE	Lutathera
MECHLORETHAMINE HCL	Mustargen
MEDROXYPROGESTERONE ACETATE	Depo-Provera
MEGESTROL ACETATE	megestrol
MEGESTROL ACETATE	Megace
MELPHALAN	Alkeran
MELPHALAN	melphalan
MELPHALAN HCL	melphalan HCl
MELPHALAN HCL/BETADEX SULFOBUTYL ETHER SODIUM	Evomela
MERCAPTOPYRINE	Purinethol
MERCAPTOPYRINE	Purixan
MERCAPTOPYRINE	mercaptopyrine
METHOTREXATE	Xatmep
METHOTREXATE SODIUM	methotrexate sodium
METHOTREXATE SODIUM	Trexall
METHOTREXATE SODIUM/PF	methotrexate sodium (PF)

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
METHOTREXATE SODIUM/PF	Methotrexate LPF
METHOXSALEN	Uvadex
MIDOSTAURIN	Rydapt
MITOMYCIN	mitomycin
MITOMYCIN	Mutamycin
MITOTANE	Lysodren
MITOXANTRONE HCL	mitoxantrone
MITOXANTRONE HCL	Novantrone
NECITUMUMAB	Portrazza
NELARABINE	Arranon
NERATINIB MALEATE	Nerlynx
NILOTINIB HCL	Tasigna
NILUTAMIDE	Nilandron
NILUTAMIDE	nilutamide
NINTEDANIB ESYLATE	Ofev
NIRAPARIB TOSYLATE	Zejula
NIVOLUMAB	Opdivo
OBINUTUZUMAB	Gazyva
OFATUMUMAB	Arzerra
OLAPARIB	Lynparza
OLARATUMAB	Lartruvo
OMACETAXINE MEPESUCCINATE	Synribo
OSIMERTINIB MESYLATE	Tagrisso
OXALIPLATIN	oxaliplatin
OXALIPLATIN	Eloxatin
PACLITAXEL	paclitaxel
PACLITAXEL	Onxol
PACLITAXEL	Taxol
PACLITAXEL PROTEIN-BOUND	Abraxane
PALBOCICLIB	Ibrance
PANITUMUMAB	Vectibix
PANOBINOSTAT LACTATE	Farydak
PAZOPANIB HCL	Votrient
PEGASPARGASE	Oncaspar
PEGINTERFERON ALFA-2B	Sylatron
PEGINTERFERON ALFA-2B	Sylatron 4-Pack
PEMBROLIZUMAB	Keytruda
PEMETREXED DISODIUM	Alimta
PENTOSTATIN	Nipent
PENTOSTATIN	pentostatin
PERTUZUMAB	Perjeta
PLICAMYCIN	Mithracin
POMALIDOMIDE	Pomalyst
PONATINIB HCL	Iclusig

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
PORFIMER SODIUM	Photofrin
PRALATREXATE	Folotyn
PROCARBAZINE HCL	Matulane
RADIUM-223 DICHLORIDE	Xofigo
RAMUCIRUMAB	Cyramza
REGORAFENIB	Stivarga
RIBOCICLIB SUCCINATE	Kisqali
RIBOCICLIB SUCCINATE/LETROZOLE	Kisqali Femara Co-Pack
RITUXIMAB	Rituxan
RITUXIMAB/HYALURONIDASE, HUMAN RECOMBINANT	Rituxan Hycela
ROMIDEPSIN	Istodax
ROMIDEPSIN	romidepsin
RUCAPARIB CAMSYLATE	Rubraca
RUXOLITINIB PHOSPHATE	Jakafi
SAMARIUM SM 153 LEXIDRONAM	Quadramet
SILTUXIMAB	Sylvant
SIPULEUCEL-T/LACTATED RINGERS SOLUTION	Provenge
SODIUM IODIDE-131	Hicon
SONIDEGIB PHOSPHATE	Odomzo
SORAFENIB TOSYLATE	Nexavar
STREPTOZOCIN	Zanosar
STRONTIUM-89 CHLORIDE	Metastron
SUNITINIB MALATE	Sutent
TALIMOGENE LAHERPAREPVEC	Imlygic
TAMOXIFEN CITRATE	Nolvadex
TAMOXIFEN CITRATE	tamoxifen
TAMOXIFEN CITRATE	Soltamox
TEMOZOLOMIDE	Temodar
TEMOZOLOMIDE	temozolomide
TEMSIROLIMUS	Torisel
TENIPOSIDE	Vumon
TENIPOSIDE	teniposide
TESTOLACTONE	Teslac
THALIDOMIDE	Thalomid
THIOGUANINE	Tabloid
THIOTEPA	Thioplex
THIOTEPA	thiotepa
THIOTEPA	Tepadina
TISAGENLECLEUCEL	Kymriah
TOPOTECAN HCL	topotecan
TOPOTECAN HCL	Hycamtin
TOREMIFENE CITRATE	Fareston
TOSITUMOMAB (WITH MALTOSE)	Bexxar Therapeutic
TOSITUMOMAB (WITH MALTOSE)	Bexxar Dosimetric

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
TOSITUMOMAB IODINE-131 (WITH MALTOSE)	Bexxar 131 Iodine
TRABECTEDIN	Yondelis
TRAMETINIB DIMETHYL SULFOXIDE	Mekinist
TRASTUZUMAB	Herceptin
TRETINOIN	tretinoin (chemotherapy)
TRETINOIN	Vesanoid
TRIFLURIDINE/TIPIRACIL HCL	Lonsurf
TRIPTORELIN PAMOATE	Trelstar
TRIPTORELIN PAMOATE	Trelstar Depot
TRIPTORELIN PAMOATE	Trelstar LA
URACIL MUSTARD	uracil mustard
VALRUBICIN	Valstar
VANDETANIB	Caprelsa
VANDETANIB	vandetanib
VEMURAFENIB	Zelboraf
VENETOCLAX	Venclexta
VENETOCLAX	Venclexta Starting Pack
VINBLASTINE SULFATE	vinblastine
VINBLASTINE SULFATE	Velban
VINCRISTINE SULFATE	Oncovin
VINCRISTINE SULFATE	vincristine
VINCRISTINE SULFATE	Vincasar PFS
VINCRISTINE SULFATE LIPOSOMAL	Marqibo
VINORELBINE TARTRATE	vinorelbine
VINORELBINE TARTRATE	Navelbine
VISMODEGIB	Erivedge
VORINOSTAT	Zolinza
ZIV-AFLIBERCEPT	Zaltrap
Corticosteroids	
BECLOMETHASONE DIPROPIONATE	Beclovent
BECLOMETHASONE DIPROPIONATE	Qvar
BECLOMETHASONE DIPROPIONATE	Vanceril
BECLOMETHASONE DIPROPIONATE	Beclovent Refill
BECLOMETHASONE DIPROPIONATE	Vanceril Double Strength
BECLOMETHASONE DIPROPIONATE	Qvar RediHaler
BECLOMETHASONE DIPROPIONATE	Beconase
BECLOMETHASONE DIPROPIONATE	Vancenase AQ Double Strength
BECLOMETHASONE DIPROPIONATE	Beconase AQ
BECLOMETHASONE DIPROPIONATE	Vancenase AQ
BECLOMETHASONE DIPROPIONATE	Vancenase Pockethaler
BECLOMETHASONE DIPROPIONATE	Vancenase
BECLOMETHASONE DIPROPIONATE	QNASL
BETAMETHASONE	Celestone
BETAMETHASONE ACETATE AND SODIUM PHOSPH/NORFLURANE/HFC 245FA	Betaloan SUIK

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
BETAMETHASONE ACETATE/BETAMETHASONE SODIUM PHOSPHATE	Beta-1
BETAMETHASONE ACETATE/BETAMETHASONE SODIUM PHOSPHATE	Celestone Soluspan
BETAMETHASONE ACETATE/BETAMETHASONE SODIUM PHOSPHATE	ReadySharp Betamethasone
BETAMETHASONE ACETATE/BETAMETHASONE SODIUM PHOSPHATE	betamethasone acet,sod phos
BETAMETHASONE SODIUM PHOSPH IN STERILE WATER FOR INJECTION	betamethasone sod phosph-water
BETAMETHASONE SODIUM PHOSPHATE	Adbeon
BETAMETHASONE SODIUM PHOSPHATE	betamethasone sodium phosphate
BUDESONIDE	budesonide
BUDESONIDE	Pulmicort Flexhaler
BUDESONIDE	Pulmicort
BUDESONIDE	Pulmicort Turbuhaler
BUDESONIDE	Rhinocort Aqua
BUDESONIDE	Rhinocort Allergy
BUDESONIDE	Rhinocort
CICLESONIDE	Alvesco
CICLESONIDE	Omnaris
CICLESONIDE	Zetonna
CORTISONE ACETATE	Cortone
CORTISONE ACETATE	cortisone
DEFLAZACORT	Emflaza
DEXAMETHASONE	dexamethasone
DEXAMETHASONE	DexPak 10 day
DEXAMETHASONE	Dexone
DEXAMETHASONE	DexPak 13 Day
DEXAMETHASONE	LoCort
DEXAMETHASONE	Hexadrol
DEXAMETHASONE	ZonaCort
DEXAMETHASONE	Decadron
DEXAMETHASONE	ZoDex
DEXAMETHASONE	Zema-Pak
DEXAMETHASONE	TaperDex
DEXAMETHASONE	Dexamethasone Intensol
DEXAMETHASONE	DexPak 6 Day
DEXAMETHASONE	Decadron Dose Pack
DEXAMETHASONE	Baycadron
DEXAMETHASONE ACETATE	Dalalone D.P.
DEXAMETHASONE ACETATE	dexamethasone acetate
DEXAMETHASONE ACETATE	Adrenocot LA
DEXAMETHASONE ACETATE	Solurex LA
DEXAMETHASONE ACETATE	Decaject
DEXAMETHASONE ACETATE	Dalalone LA
DEXAMETHASONE ACETATE	Dexacen LA-8
DEXAMETHASONE ACETATE	Dexasone LA
DEXAMETHASONE ACETATE	De-Sone LA

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
DEXAMETHASONE ACETATE	Dexone LA
DEXAMETHASONE PHOSPHATE	Primethasone
DEXAMETHASONE SOD PHOSPHATE	dexamethasone sodium phosphate
DEXAMETHASONE SOD PHOSPHATE	Solurex
DEXAMETHASONE SOD PHOSPHATE	Dexasone 4
DEXAMETHASONE SOD PHOSPHATE	ReadySharp dexamethasone
DEXAMETHASONE SOD PHOSPHATE	Cpc-Cort-D
DEXAMETHASONE SOD PHOSPHATE	Dalalone
DEXAMETHASONE SOD PHOSPHATE	Dexasone 10
DEXAMETHASONE SOD PHOSPHATE	Adrenocot
DEXAMETHASONE SODIUM PHOSPHATE IN 0.9 % SODIUM CHLORIDE	dexamethasone in 0.9 % sod chl
DEXAMETHASONE SODIUM PHOSPHATE/LIDOCAINE HCL	Lidocidex-I
DEXAMETHASONE SODIUM PHOSPHATE/PF	MAS Care-Pak (PF)
DEXAMETHASONE SODIUM PHOSPHATE/PF	dexamethasone sodium phos (PF)
DEXAMETHASONE SODIUM PHOSPHATE/PF	Active Injection Kit D (PF)
DEXAMETHASONE SODIUM PHOSPHATE/PF	DoubleDex (PF)
DEXAMETHASONE/PF/NORFLURANE/PENTAFLUOROPROPANE (HFC 245FA)	DMT SUIK
FLUDROCORTISONE ACETATE	fludrocortisone
FLUDROCORTISONE ACETATE	Florinef
FLUNISOLIDE	Aerobid
FLUNISOLIDE	Aerospan
FLUNISOLIDE	flunisolide
FLUNISOLIDE	Nasarel
FLUNISOLIDE	Nasalide
FLUNISOLIDE/MENTHOL	Aerobid-M
FLUTICASONE FUROATE	Arnuity Ellipta
FLUTICASONE FUROATE	Veramyst
FLUTICASONE FUROATE	Flonase Sensimist
FLUTICASONE FUROATE	Children's Flonase Sensimist
FLUTICASONE PROPIONATE	Flovent Rotadisk
FLUTICASONE PROPIONATE	Flovent HFA
FLUTICASONE PROPIONATE	Flovent Diskus
FLUTICASONE PROPIONATE	Flovent
FLUTICASONE PROPIONATE	ArmonAir RespiClick
FLUTICASONE PROPIONATE	ClariSpray
FLUTICASONE PROPIONATE	Allergy Relief (fluticasone)
FLUTICASONE PROPIONATE	fluticasone
FLUTICASONE PROPIONATE	Children's Flonase Allergy Rlf
FLUTICASONE PROPIONATE	Aller-Flo
FLUTICASONE PROPIONATE	Flonase Allergy Relief
FLUTICASONE PROPIONATE	Flonase
FLUTICASONE PROPIONATE	24 Hour Allergy Relief
FLUTICASONE PROPIONATE	Childrens 24 Hr Allergy Relief
FLUTICASONE PROPIONATE	Xhance

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
FLUTICASONE PROPIONATE/SODIUM CHLORIDE/SODIUM BICARBONATE	Ticaspray
FLUTICASONE PROPIONATE/SODIUM CHLORIDE/SODIUM BICARBONATE	Ticanase
HYDROCORTISONE	hydrocortisone
HYDROCORTISONE	Cortef
HYDROCORTISONE	Hydrocortone
HYDROCORTISONE	Massengill Towelette,Medicated
HYDROCORTISONE ACETATE	hydrocortisone acetate
HYDROCORTISONE CYPIONATE	Cortef (as cypionate)
HYDROCORTISONE SOD SUCCINATE	Solu-Cortef
HYDROCORTISONE SOD SUCCINATE	hydrocortisone sod succinate
HYDROCORTISONE SOD SUCCINATE	A-Hydrocort
HYDROCORTISONE SODIUM SUCCINATE/PF	Solu-Cortef (PF)
METHYLPREDNISOLONE	Medrol
METHYLPREDNISOLONE	methylprednisolone
METHYLPREDNISOLONE	Medrol (Pak)
METHYLPREDNISOLONE	Meprolone Unipak
METHYLPREDNISOLONE	Methylpred
METHYLPREDNISOLONE ACETATE	methylprednisolone acetate
METHYLPREDNISOLONE ACETATE	Depo-Medrol
METHYLPREDNISOLONE ACETATE	Rep-Pred 80
METHYLPREDNISOLONE ACETATE	Dep-Medalone 40
METHYLPREDNISOLONE ACETATE	P-Care D40
METHYLPREDNISOLONE ACETATE	P-Care D80
METHYLPREDNISOLONE ACETATE	Depo-Predate
METHYLPREDNISOLONE ACETATE	Cpc-Depmed-40
METHYLPREDNISOLONE ACETATE	Depoject-80
METHYLPREDNISOLONE ACETATE	ReadySharp Methylprednisolone
METHYLPREDNISOLONE ACETATE	Depopred 40
METHYLPREDNISOLONE ACETATE	Rep-Pred 40
METHYLPREDNISOLONE ACETATE	Methylcotolone
METHYLPREDNISOLONE ACETATE	Medralone 80
METHYLPREDNISOLONE ACETATE	Adlone
METHYLPREDNISOLONE ACETATE	Medralone 40
METHYLPREDNISOLONE ACETATE	Depoject-40
METHYLPREDNISOLONE ACETATE	Depopred 80
METHYLPREDNISOLONE ACETATE	Cpc-Depmed-80
METHYLPREDNISOLONE ACETATE	Dep-Medalone 80
METHYLPREDNISOLONE ACETATE/BUPIVACAINE HCL	Physicians EZ Use M-Pred
METHYLPREDNISOLONE ACETATE/NORFLURANE/HFC 245FA	P-Care D40G
METHYLPREDNISOLONE ACETATE/NORFLURANE/HFC 245FA	Medroloan SUIK
METHYLPREDNISOLONE ACETATE/NORFLURANE/HFC 245FA	P-Care D80G
METHYLPREDNISOLONE ACETATE/NORFLURANE/HFC 245FA	Medroloan II SUIK
METHYLPREDNISOLONE SODIUM SUCCINATE	Solu-Medrol
METHYLPREDNISOLONE SODIUM SUCCINATE	methylprednisolone sodium succ

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
METHYLPREDNISOLONE SODIUM SUCCINATE	A-Methapred
METHYLPREDNISOLONE SODIUM SUCCINATE/PF	Solu-Medrol (PF)
MOMETASONE FUROATE	Asmanex Twisthaler
MOMETASONE FUROATE	Asmanex HFA
MOMETASONE FUROATE	mometasone
MOMETASONE FUROATE	Nasonex
MOMETASONE FUROATE	Sinuva
PREDNISOLONE	prednisolone
PREDNISOLONE	Prelone
PREDNISOLONE	Millipred
PREDNISOLONE	Millipred DP
PREDNISOLONE ACETATE	Key-Pred
PREDNISOLONE ACETATE	Cotolone
PREDNISOLONE ACETATE	prednisolone acetate
PREDNISOLONE ACETATE	Predalone 50
PREDNISOLONE ACETATE	Pri-Cortin 50
PREDNISOLONE ACETATE	UAD Pred
PREDNISOLONE ACETATE	Predicort-50
PREDNISOLONE ACETATE	Flo-Pred
PREDNISOLONE SOD PHOSPHATE	prednisolone sodium phosphate
PREDNISOLONE SOD PHOSPHATE	Orapred
PREDNISOLONE SOD PHOSPHATE	Pediapred
PREDNISOLONE SOD PHOSPHATE	Orapred ODT
PREDNISOLONE SOD PHOSPHATE	Veripred 20
PREDNISOLONE SOD PHOSPHATE	Bubbli-Pred
PREDNISOLONE SODIUM PHOSPHATE/PEAK FLOW METER	Asmalpred Plus
PREDNISOLONE SODIUM PHOSPHATE/PEAK FLOW METER	Asmalpred
PREDNISONE	prednisone
PREDNISONE	Deltasone
PREDNISONE	Sterapred DS
PREDNISONE	Liquid Pred
PREDNISONE	Meticorten
PREDNISONE	Rayos
PREDNISONE	Sterapred
PREDNISONE	Deltasone Dose Pack
PREDNISONE	Prednisone Intensol
TRIAMCINOLONE	Aristocort
TRIAMCINOLONE	Aristo-Pak
TRIAMCINOLONE	triamcinolone
TRIAMCINOLONE ACETONIDE	Azmacort
TRIAMCINOLONE ACETONIDE	Pro-C-Dure 6
TRIAMCINOLONE ACETONIDE	triamcinolone acetonide
TRIAMCINOLONE ACETONIDE	Kenalog
TRIAMCINOLONE ACETONIDE	Kenaject

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
TRIAMCINOLONE ACETONIDE	Tri-Kort
TRIAMCINOLONE ACETONIDE	Triam-A
TRIAMCINOLONE ACETONIDE	Arze-Ject-A
TRIAMCINOLONE ACETONIDE	ReadySharp Triamcinolone
TRIAMCINOLONE ACETONIDE	Cinonide 40
TRIAMCINOLONE ACETONIDE	P-Care K80
TRIAMCINOLONE ACETONIDE	Triamonide 40
TRIAMCINOLONE ACETONIDE	Pro-C-Dure 5
TRIAMCINOLONE ACETONIDE	Pod-Care 100K
TRIAMCINOLONE ACETONIDE	Acetocot
TRIAMCINOLONE ACETONIDE	Tac-3
TRIAMCINOLONE ACETONIDE	P-Care K40
TRIAMCINOLONE ACETONIDE	Cenocort A-40
TRIAMCINOLONE ACETONIDE	Zilretta
TRIAMCINOLONE ACETONIDE	Nasacort AQ
TRIAMCINOLONE ACETONIDE	Nasacort
TRIAMCINOLONE ACETONIDE	Nasal Allergy
TRIAMCINOLONE ACETONIDE	Children's Nasacort
TRIAMCINOLONE ACETONIDE	Tri-Nasal
TRIAMCINOLONE ACETONIDE/LIDOCAINE HCL	EZ Use Joint-Tunnel-Trigger
TRIAMCINOLONE ACETONIDE/LIDOCAINE HCL	Lidocilone I
TRIAMCINOLONE ACETONIDE/LIDOCAINE/PRILOCAINE	DermacinRx Cinlone-I CPI
TRIAMCINOLONE DIACETATE	Triamcot
TRIAMCINOLONE DIACETATE	Amcort
TRIAMCINOLONE DIACETATE	Aristocort Forte
TRIAMCINOLONE DIACETATE	Aristocort Intralesional
TRIAMCINOLONE DIACETATE	U-Tri-Lone
TRIAMCINOLONE DIACETATE	Cinalone 40
TRIAMCINOLONE DIACETATE	triamcinolone diacetate
TRIAMCINOLONE DIACETATE	Tristoject
TRIAMCINOLONE DIACETATE	Cenocort Forte Suspension
TRIAMCINOLONE DIACETATE	Triam Forte
TRIAMCINOLONE HEXACETONIDE	Aristospan Intralesional
TRIAMCINOLONE HEXACETONIDE	Aristospan Intra-Articular
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (HFC 245FA)	Triloan II SUIK
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (HFC 245FA)	Triloan SUIK
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (HFC 245FA)	Pod-Care 100KG
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (HFC 245FA)	P-Care K40G
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (HFC 245FA)	P-Care K80G
Cyclosporine	
CYCLOSPORINE	Sandimmune
CYCLOSPORINE	cyclosporine
CYCLOSPORINE, MODIFIED	cyclosporine modified
CYCLOSPORINE, MODIFIED	Neoral

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
CYCLOSPORINE, MODIFIED	Gengraf
CYCLOSPORINE, MODIFIED	SangCya
Loop Diuretics	
BUMETANIDE	bumetanide
BUMETANIDE	Bumex
ETHACRYNATE SODIUM	ethacrynate sodium
ETHACRYNATE SODIUM	Sodium Edecrin
ETHACRYNIC ACID	ethacrynic acid
ETHACRYNIC ACID	Edecrin
FUROSEMIDE	furosemide
FUROSEMIDE	Lasix
FUROSEMIDE IN 0.9 % SODIUM CHLORIDE	furosemide in 0.9 % NaCl
FUROSEMIDE/DEXTROSE 5 % IN WATER	furosemide in dextrose 5 %
TORSEMIDE	torsemide
TORSEMIDE	Demadex
Lupron Depot-PED	
LEUPROLIDE ACETATE	Lupron Depot-Ped
LEUPROLIDE ACETATE	Lupron Depot-Ped (3 month)
Medroxyprogesterone	
ESTRADIOL CYPIONATE/MEDROXYPROGESTERONE ACETATE	medroxyprogest-estradiol cyp
ESTRADIOL CYPIONATE/MEDROXYPROGESTERONE ACETATE	Lunelle
ESTROGENS, CONJUGATED/MEDROXYPROGESTERONE ACETATE	Premphase
ESTROGENS, CONJUGATED/MEDROXYPROGESTERONE ACETATE	Prempro
MEDROXYPROGESTERONE ACETATE	Depo-Provera
MEDROXYPROGESTERONE ACETATE	medroxyprogesterone
MEDROXYPROGESTERONE ACETATE	Depo-SubQ provera 104
MEDROXYPROGESTERONE ACETATE	Cycrin
MEDROXYPROGESTERONE ACETATE	Provera
MEDROXYPROGESTERONE ACETATE	Amen
Nitrates	
AMYL NITRITE	amyl nitrite
ISOSORBIDE DINITRATE	Isordil
ISOSORBIDE DINITRATE	isosorbide dinitrate
ISOSORBIDE DINITRATE	Isordil Titradose
ISOSORBIDE DINITRATE	Sorbitrate
ISOSORBIDE DINITRATE	IsoDitrate
ISOSORBIDE DINITRATE	Dilatrate-SR
ISOSORBIDE DINITRATE	ISOCHRON
ISOSORBIDE MONONITRATE	isosorbide mononitrate
ISOSORBIDE MONONITRATE	Ismo
ISOSORBIDE MONONITRATE	Imdur
ISOSORBIDE MONONITRATE	Monoket
ISOSORBIDE MONONITRATE	Isotrate ER
NITROGLYCERIN	nitroglycerin

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
NITROGLYCERIN	Nitro-Bid
NITROGLYCERIN	Transderm-Nitro
NITROGLYCERIN	NitroTab
NITROGLYCERIN	Nitrolingual
NITROGLYCERIN	NitroQuick
NITROGLYCERIN	Tridil
NITROGLYCERIN	Nitro-Time
NITROGLYCERIN	GoNitro
NITROGLYCERIN	Nitromist
NITROGLYCERIN	Nitrostat
NITROGLYCERIN	Nitro-Dur
NITROGLYCERIN	Deponit
NITROGLYCERIN	Nitrek
NITROGLYCERIN	Minitran
NITROGLYCERIN	Nitrol
NITROGLYCERIN	Nitrodisc
NITROGLYCERIN	Transdermal-NTG
NITROGLYCERIN	Nitroglyn
NITROGLYCERIN	Nitrogard
NITROGLYCERIN	Nitronal
NITROGLYCERIN	Nitro-Trans System
NITROGLYCERIN	Nitrocot SA
NITROGLYCERIN IN 5 % DEXTROSE IN WATER	nitroglycerin in 5 % dextrose
Proton Pump Inhibitors	
ASPIRIN/OMEPRAZOLE	Yosprala
DEXLANSOPRAZOLE	Dexilant
DEXLANSOPRAZOLE	Kapidex
ESOMEPRAZOLE MAGNESIUM	esomeprazole magnesium
ESOMEPRAZOLE MAGNESIUM	Nexium
ESOMEPRAZOLE MAGNESIUM	Nexium 24HR
ESOMEPRAZOLE MAGNESIUM	Nexium Packet
ESOMEPRAZOLE SODIUM	esomeprazole sodium
ESOMEPRAZOLE SODIUM	Nexium IV
ESOMEPRAZOLE STRONTIUM	esomeprazole strontium
LANSOPRAZOLE	lansoprazole
LANSOPRAZOLE	Prevacid
LANSOPRAZOLE	Prevacid SoluTab
LANSOPRAZOLE	Heartburn Treatment 24 Hour
LANSOPRAZOLE	FIRST-Lansoprazole
LANSOPRAZOLE	Prevacid 24Hr
LANSOPRAZOLE	Heartburn Relief 24 Hour
LANSOPRAZOLE	Prevacid IV
LANSOPRAZOLE/AMOXICILLIN TRIHYDRATE/CLARITHROMYCIN	amoxicil-clarithromy-lansopraz
LANSOPRAZOLE/AMOXICILLIN TRIHYDRATE/CLARITHROMYCIN	Prevpac

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
LANSOPRAZOLE/NAPROXEN	PREVACID NapraPAC
NAPROXEN/ESOMEPRAZOLE MAGNESIUM	Vimovo
OMEPRAZOLE	omeprazole
OMEPRAZOLE	Prilosec
OMEPRAZOLE	Omeprazole+SyrSpend SF Alka
OMEPRAZOLE	FIRST-Omeprazole
OMEPRAZOLE MAGNESIUM	omeprazole magnesium
OMEPRAZOLE MAGNESIUM	Acid Reducer (omeprazole)
OMEPRAZOLE MAGNESIUM	Prilosec OTC
OMEPRAZOLE/CLARITHROMYCIN/AMOXICILLIN TRIHYDRATE	Omeclamox-Pak
OMEPRAZOLE/SODIUM BICARBONATE	Zegerid OTC
OMEPRAZOLE/SODIUM BICARBONATE	Zegerid
OMEPRAZOLE/SODIUM BICARBONATE	omeprazole-sodium bicarbonate
OMEPRAZOLE/SODIUM BICARBONATE	OmePPi
PANTOPRAZOLE SODIUM	pantoprazole
PANTOPRAZOLE SODIUM	Protonix
RABEPRAZOLE SODIUM	Aciphex
RABEPRAZOLE SODIUM	AcipHex Sprinkle
RABEPRAZOLE SODIUM	rabeprazole
Short-Acting Gonadotropin-Releasing Hormone (GnRH) Agonists	
gonadorelin acetate	Lutrepulse
histrelin acetate	Supprelin
leuprolide acetate	leuprolide
leuprolide acetate	Lupron
nafarelin acetate	Synarel
Statins	
AMLODIPINE BESYLATE/ATORVASTATIN CALCIUM	amlodipine-atorvastatin
AMLODIPINE BESYLATE/ATORVASTATIN CALCIUM	Caduet
ASPIRIN (CALCIUM CARB & MAGNESIUM BUFFERS)/PRAVASTATIN	PRAVIGARD PAC
ATORVASTATIN CALCIUM	atorvastatin
ATORVASTATIN CALCIUM	Lipitor
CERIVASTATIN SODIUM	Baycol
EZETIMIBE/ATORVASTATIN CALCIUM	Liptruzet
EZETIMIBE/SIMVASTATIN	ezetimibe-simvastatin
EZETIMIBE/SIMVASTATIN	Vytorin 10-80
EZETIMIBE/SIMVASTATIN	Vytorin 10-10
EZETIMIBE/SIMVASTATIN	Vytorin 10-20
EZETIMIBE/SIMVASTATIN	Vytorin 10-40
FLUVASTATIN SODIUM	Lescol
FLUVASTATIN SODIUM	Lescol XL
FLUVASTATIN SODIUM	fluvastatin
LOVASTATIN	Mevacor
LOVASTATIN	lovastatin
LOVASTATIN	Altoprev

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
LOVASTATIN	Altacor
NIACIN/LOVASTATIN	Advicor
NIACIN/SIMVASTATIN	Simcor
PITAVASTATIN CALCIUM	Livalo
PRAVASTATIN SODIUM	pravastatin
PRAVASTATIN SODIUM	Pravachol
ROSUVASTATIN CALCIUM	Crestor
ROSUVASTATIN CALCIUM	rosuvastatin
SIMVASTATIN	simvastatin
SIMVASTATIN	Zocor
SIMVASTATIN	FloLipid
SITAGLIPTIN PHOSPHATE/SIMVASTATIN	Juvisync
Thiazide Diuretics	
ALISKIREN HEMIFUMARATE/AMLODIPINE/HYDROCHLOROTHIAZIDE	Amturnide
ALISKIREN HEMIFUMARATE/HYDROCHLOROTHIAZIDE	Tekturna HCT
AMILORIDE HCL/HYDROCHLOROTHIAZIDE	amiloride-hydrochlorothiazide
AMILORIDE HCL/HYDROCHLOROTHIAZIDE	Moduretic
AMLODIPINE BESYLATE/VALSARTAN/HYDROCHLOROTHIAZIDE	amlodipine-valsartan-hcthiazid
AMLODIPINE BESYLATE/VALSARTAN/HYDROCHLOROTHIAZIDE	Exforge HCT
ATENOLOL/CHLORTHALIDONE	atenolol-chlorthalidone
ATENOLOL/CHLORTHALIDONE	Tenoretic 50
ATENOLOL/CHLORTHALIDONE	Tenoretic 100
BENAZEPRIL HCL/HYDROCHLOROTHIAZIDE	Lotensin HCT
BENAZEPRIL HCL/HYDROCHLOROTHIAZIDE	benazepril-hydrochlorothiazide
BENDROFLUMETHIAZIDE	Naturetin
BISOPROLOL FUMARATE/HYDROCHLOROTHIAZIDE	Ziac
BISOPROLOL FUMARATE/HYDROCHLOROTHIAZIDE	bisoprolol-hydrochlorothiazide
CANDESARTAN CILEXETIL/HYDROCHLOROTHIAZIDE	candesartan-hydrochlorothiazid
CANDESARTAN CILEXETIL/HYDROCHLOROTHIAZIDE	Atacand HCT
CAPTOPRIL/HYDROCHLOROTHIAZIDE	captopril-hydrochlorothiazide
CAPTOPRIL/HYDROCHLOROTHIAZIDE	Capozide
CHLOROTHIAZIDE	chlorothiazide
CHLOROTHIAZIDE	Diuril
CHLOROTHIAZIDE SODIUM	chlorothiazide sodium
CHLOROTHIAZIDE SODIUM	Diuril IV
CHLORTHALIDONE	chlorthalidone
CHLORTHALIDONE	Thalitone
CHLORTHALIDONE	Hygroton
CLONIDINE HCL/CHLORTHALIDONE	Clorpres
CLONIDINE HCL/CHLORTHALIDONE	clonidine-chlorthalidone
CLONIDINE HCL/CHLORTHALIDONE	Combipres-1
CLONIDINE HCL/CHLORTHALIDONE	Combipres-2
DESERPIDINE/METHYCLOTHIAZIDE	Enduronyl Forte
DESERPIDINE/METHYCLOTHIAZIDE	Enduronyl

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
ENALAPRIL MALEATE/HYDROCHLOROTHIAZIDE	enalapril-hydrochlorothiazide
ENALAPRIL MALEATE/HYDROCHLOROTHIAZIDE	Vaseretic
EPROSARTAN MESYLATE/HYDROCHLOROTHIAZIDE	Teveten HCT
FOSINOPRIL SODIUM/HYDROCHLOROTHIAZIDE	fosinopril-hydrochlorothiazide
FOSINOPRIL SODIUM/HYDROCHLOROTHIAZIDE	Monopril HCT
GUANETHIDINE SULFATE/HYDROCHLOROTHIAZIDE	Esimil
HYDRALAZINE HCL/HYDROCHLOROTHIAZIDE	hydralazine-hydrochlorothiazid
HYDRALAZINE HCL/HYDROCHLOROTHIAZIDE	Hydra-Zide
HYDRALAZINE HCL/HYDROCHLOROTHIAZIDE	Apresazide
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	hydralazine-reserpin-hcthiazid
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Cam-Ap-Es
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Ser-A-Gen
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Tri-Hydroserpine
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Uni-Serp
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Serpazide
HYDROCHLOROTHIAZIDE	hydrochlorothiazide
HYDROCHLOROTHIAZIDE	Oretic
HYDROCHLOROTHIAZIDE	HydroDiuril
HYDROCHLOROTHIAZIDE	Microzide
HYDROCHLOROTHIAZIDE	Carozide
HYDROCHLOROTHIAZIDE	Aquazide-H
HYDROCHLOROTHIAZIDE	Esidrix
HYDROFLUMETHIAZIDE	Diucardin
HYDROFLUMETHIAZIDE	Saluron
INDAPAMIDE	indapamide
INDAPAMIDE	Lozol
IRBESARTAN/HYDROCHLOROTHIAZIDE	irbesartan-hydrochlorothiazide
IRBESARTAN/HYDROCHLOROTHIAZIDE	Avalide
LISINOPRIL/HYDROCHLOROTHIAZIDE	lisinopril-hydrochlorothiazide
LISINOPRIL/HYDROCHLOROTHIAZIDE	Zestoretic
LISINOPRIL/HYDROCHLOROTHIAZIDE	Prinzide
LOSARTAN POTASSIUM/HYDROCHLOROTHIAZIDE	losartan-hydrochlorothiazide
LOSARTAN POTASSIUM/HYDROCHLOROTHIAZIDE	Hyzaar
METHYLCLOTHIAZIDE	methyclothiazide
METHYLCLOTHIAZIDE	Enduron
METHYLCLOTHIAZIDE	Aquatensen
METHYLDOPA/CHLOROTHIAZIDE	Aldoclor
METHYLDOPA/HYDROCHLOROTHIAZIDE	methyldopa-hydrochlorothiazide
METHYLDOPA/HYDROCHLOROTHIAZIDE	Aldoril-25
METHYLDOPA/HYDROCHLOROTHIAZIDE	Aldoril-15
METHYLDOPA/HYDROCHLOROTHIAZIDE	Aldoril D30
METHYLDOPA/HYDROCHLOROTHIAZIDE	Aldoril D50
METOLAZONE	metolazone
METOLAZONE	Zaroxolyn

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
METOLAZONE	Mykrox
METOPROLOL SUCCINATE/HYDROCHLOROTHIAZIDE	Dutoprol
METOPROLOL SUCCINATE/HYDROCHLOROTHIAZIDE	metoprolol su-hydrochlorothiaz
METOPROLOL TARTRATE/HYDROCHLOROTHIAZIDE	metoprolol ta-hydrochlorothiaz
METOPROLOL TARTRATE/HYDROCHLOROTHIAZIDE	Lopressor HCT
MOEXIPRIL HCL/HYDROCHLOROTHIAZIDE	Uniretic
MOEXIPRIL HCL/HYDROCHLOROTHIAZIDE	moexipril-hydrochlorothiazide
NADOLOL/BENDROFLUMETHIAZIDE	Corzide
NADOLOL/BENDROFLUMETHIAZIDE	nadolol-bendroflumethiazide
OLMESARTAN MEDOXOMIL/AMLODIPINE BESYLATE/HYDROCHLOROTHIAZIDE	olmesartan-amlodipin-hcthiazid
OLMESARTAN MEDOXOMIL/AMLODIPINE BESYLATE/HYDROCHLOROTHIAZIDE	Tribenzor
OLMESARTAN MEDOXOMIL/HYDROCHLOROTHIAZIDE	olmesartan-hydrochlorothiazide
OLMESARTAN MEDOXOMIL/HYDROCHLOROTHIAZIDE	Benicar HCT
POLYTHIAZIDE	Renese
PRAZOSIN HCL/POLYTHIAZIDE	Minizide
PRAZOSIN HCL/POLYTHIAZIDE	Minizide 2
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	propranolol-hydrochlorothiazid
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	Inderide LA
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	Inderide
QUINAPRIL HCL/HYDROCHLOROTHIAZIDE	quinapril-hydrochlorothiazide
QUINAPRIL HCL/HYDROCHLOROTHIAZIDE	Accuretic
QUINAPRIL HCL/HYDROCHLOROTHIAZIDE	Quinaretic
RAUWOLFIA SERPENTINA/BENDROFLUMETHIAZIDE	Rondameth
RAUWOLFIA SERPENTINA/BENDROFLUMETHIAZIDE	Rauzide
RAUWOLFIA SERPENTINA/BENDROFLUMETHIAZIDE	bendroflumethiazide-rauwolfia
RAUWOLFIA SERPENTINA/BENDROFLUMETHIAZIDE	Flumezide
RESERPINE/HYDROCHLOROTHIAZIDE	reserpine-hydrochlorothiazide
RESERPINE/HYDROCHLOROTHIAZIDE	Hydro-Reserp
RESERPINE/HYDROFLUMETHIAZIDE	Salutensin-Demi
RESERPINE/HYDROFLUMETHIAZIDE	Salutensin
RESERPINE/METHYCLOTHIAZIDE	Diutensen-R
RESERPINE/POLYTHIAZIDE	Renese-R
SPIRONOLACTONE/HYDROCHLOROTHIAZIDE	spironolacton-hydrochlorothiaz
SPIRONOLACTONE/HYDROCHLOROTHIAZIDE	Aldactazide
TELMISARTAN/HYDROCHLOROTHIAZIDE	Micardis HCT
TELMISARTAN/HYDROCHLOROTHIAZIDE	telmisartan-hydrochlorothiazid
TIMOLOL MALEATE/HYDROCHLOROTHIAZIDE	Timolide
TRIAMTERENE/HYDROCHLOROTHIAZIDE	triamterene-hydrochlorothiazid
TRIAMTERENE/HYDROCHLOROTHIAZIDE	Dyazide
TRIAMTERENE/HYDROCHLOROTHIAZIDE	Maxzide-25mg
TRIAMTERENE/HYDROCHLOROTHIAZIDE	Maxzide
TRICHLORMETHIAZIDE	trichlormethiazide
TRICHLORMETHIAZIDE	Aquazide
TRICHLORMETHIAZIDE	Naqua

Appendix E. List of Generic and Brand Names of Products Used to Define Exclusion Criteria in this Request

Generic Name	Brand Name
VALSARTAN/HYDROCHLOROTHIAZIDE	valsartan-hydrochlorothiazide
VALSARTAN/HYDROCHLOROTHIAZIDE	Diovan HCT

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
Central Precocious Puberty			
259.1	Precocious sexual development and puberty, not elsewhere classified	Diagnosis	ICD-9-CM
E30.1	Precocious puberty	Diagnosis	ICD-10-CM
E30.8	Other disorders of puberty	Diagnosis	ICD-10-CM
E22.8	Other hyperfunction of pituitary gland	Diagnosis	ICD-10-CM
Non-Leuprolide Acetate Long-Acting Gonadotropin-Releasing Hormone (GnRH) Agonists			
C9016	Injection, triptorelin extended release, 3.75 mg	Procedure	HCPCS
J3315	Injection, triptorelin pamoate, 3.75 mg	Procedure	HCPCS
S0133	Histrelin, implant, 50 mg	Procedure	HCPCS
J9226	Histrelin implant (Supprelin LA), 50 mg	Procedure	HCPCS
J9225	Histrelin implant (Vantas), 50 mg	Procedure	HCPCS
J9202	Goserelin acetate implant, per 3.6 mg	Procedure	HCPCS
All Long-Acting GnRH Agonists			
C9016	Injection, triptorelin extended release, 3.75 mg	Procedure	HCPCS
J3315	Injection, triptorelin pamoate, 3.75 mg	Procedure	HCPCS
S0133	Histrelin, implant, 50 mg	Procedure	HCPCS
J9226	Histrelin implant (Supprelin LA), 50 mg	Procedure	HCPCS
J9225	Histrelin implant (Vantas), 50 mg	Procedure	HCPCS
J9202	Goserelin acetate implant, per 3.6 mg	Procedure	HCPCS
J9219	Leuprolide acetate implant, 65 mg	Procedure	HCPCS
J9217	Leuprolide acetate (for depot suspension), 7.5 mg	Procedure	HCPCS
J9218	Leuprolide acetate, per 1 mg	Procedure	HCPCS
J1950	Injection, leuprolide acetate (for depot suspension), per 3.75 mg	Procedure	HCPCS
C9430	Leuprolide acetate, per 1 mg, brand name	Procedure	HCPCS
S9560	Home injectable therapy; hormonal therapy (e.g., leuprolide, goserelin), including	Procedure	HCPCS
Major Trauma			
Computed Tomography (CT) Scan			
70450	Computed tomography, head or brain; without contrast material	Procedure	CPT-4
70460	Computed tomography, head or brain; with contrast material(s)	Procedure	CPT-4
70470	Computed tomography, head or brain; without contrast material, followed by contrast material(s) and further sections	Procedure	CPT-4
70480	Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; without contrast material	Procedure	CPT-4
70481	Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; with contrast material(s)	Procedure	CPT-4
70482	Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; without contrast material, followed by contrast material(s) and further sections	Procedure	CPT-4
70486	Computed tomography, maxillofacial area; without contrast material	Procedure	CPT-4
70487	Computed tomography, maxillofacial area; with contrast material(s)	Procedure	CPT-4

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
70488	Computed tomography, maxillofacial area; without contrast material, followed by contrast material(s) and further sections	Procedure	CPT-4
Open Fracture of Proximal/Shaft Femur or Humerus			
820.0	Closed transcervical fracture	Diagnosis	ICD-9-CM
820.10	Open fracture of unspecified intracapsular section of neck of femur	Diagnosis	ICD-9-CM
820.11	Open fracture of epiphysis (separation) (upper) of neck of femur	Diagnosis	ICD-9-CM
820.12	Open fracture of midcervical section of femur	Diagnosis	ICD-9-CM
820.13	Open fracture of base of neck of femur	Diagnosis	ICD-9-CM
820.19	Other open transcervical fracture of femur	Diagnosis	ICD-9-CM
820.30	Open fracture of unspecified trochanteric section of femur	Diagnosis	ICD-9-CM
820.31	Open fracture of intertrochanteric section of femur	Diagnosis	ICD-9-CM
820.32	Open fracture of subtrochanteric section of femur	Diagnosis	ICD-9-CM
821.10	Open fracture of unspecified part of femur	Diagnosis	ICD-9-CM
821.11	Open fracture of shaft of femur	Diagnosis	ICD-9-CM
S72.011B	Unspecified intracapsular fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.011C	Unspecified intracapsular fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.012B	Unspecified intracapsular fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.012C	Unspecified intracapsular fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.019B	Unspecified intracapsular fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.019C	Unspecified intracapsular fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.021B	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.021C	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.022B	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.022C	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.023B	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.023C	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.024B	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S72.024C	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.025B	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.025C	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.026B	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.026C	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.031B	Displaced midcervical fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.031C	Displaced midcervical fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.032B	Displaced midcervical fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.032C	Displaced midcervical fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.033B	Displaced midcervical fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.033C	Displaced midcervical fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.034B	Nondisplaced midcervical fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.034C	Nondisplaced midcervical fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.035B	Nondisplaced midcervical fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.035C	Nondisplaced midcervical fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.036B	Nondisplaced midcervical fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.036C	Nondisplaced midcervical fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.041B	Displaced fracture of base of neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.041C	Displaced fracture of base of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.042B	Displaced fracture of base of neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S72.042C	Displaced fracture of base of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.043B	Displaced fracture of base of neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.043C	Displaced fracture of base of neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.044B	Nondisplaced fracture of base of neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.044C	Nondisplaced fracture of base of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.045B	Nondisplaced fracture of base of neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.045C	Nondisplaced fracture of base of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.046B	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.046C	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.051B	Unspecified fracture of head of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.051C	Unspecified fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.052B	Unspecified fracture of head of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.052C	Unspecified fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.059B	Unspecified fracture of head of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.059C	Unspecified fracture of head of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.061B	Displaced articular fracture of head of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.061C	Displaced articular fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.062B	Displaced articular fracture of head of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.062C	Displaced articular fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.063B	Displaced articular fracture of head of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S72.063C	Displaced articular fracture of head of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.064B	Nondisplaced articular fracture of head of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.064C	Nondisplaced articular fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.065B	Nondisplaced articular fracture of head of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.065C	Nondisplaced articular fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.066B	Nondisplaced articular fracture of head of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.066C	Nondisplaced articular fracture of head of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.091B	Other fracture of head and neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.091C	Other fracture of head and neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.092B	Other fracture of head and neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.092C	Other fracture of head and neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.099B	Other fracture of head and neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.099C	Other fracture of head and neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.101B	Unspecified trochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.101C	Unspecified trochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.102B	Unspecified trochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.102C	Unspecified trochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.109B	Unspecified trochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.109C	Unspecified trochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.111B	Displaced fracture of greater trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S72.111C	Displaced fracture of greater trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.112B	Displaced fracture of greater trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.112C	Displaced fracture of greater trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.113B	Displaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.113C	Displaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.114B	Nondisplaced fracture of greater trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.114C	Nondisplaced fracture of greater trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.115B	Nondisplaced fracture of greater trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.115C	Nondisplaced fracture of greater trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.116B	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.116C	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.121B	Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.121C	Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.122B	Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.122C	Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.123B	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.123C	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.124B	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.124C	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.125B	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S72.125C	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.126B	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.126C	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.131B	Displaced apophyseal fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.131C	Displaced apophyseal fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.132B	Displaced apophyseal fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.132C	Displaced apophyseal fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.133B	Displaced apophyseal fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.133C	Displaced apophyseal fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.134B	Nondisplaced apophyseal fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.134C	Nondisplaced apophyseal fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.135B	Nondisplaced apophyseal fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.135C	Nondisplaced apophyseal fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.136B	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.136C	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.141B	Displaced intertrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.141C	Displaced intertrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.142B	Displaced intertrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.142C	Displaced intertrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.143B	Displaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S72.143C	Displaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.144B	Nondisplaced intertrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.144C	Nondisplaced intertrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.145B	Nondisplaced intertrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.145C	Nondisplaced intertrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.146B	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.146C	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.21XB	Displaced subtrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.21XC	Displaced subtrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.22XB	Displaced subtrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.22XC	Displaced subtrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.23XB	Displaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.23XC	Displaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.24XB	Nondisplaced subtrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.24XC	Nondisplaced subtrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.25XB	Nondisplaced subtrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.25XC	Nondisplaced subtrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.26XB	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.26XC	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.301B	Unspecified fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S72.301C	Unspecified fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.302B	Unspecified fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.302C	Unspecified fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.309B	Unspecified fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.309C	Unspecified fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.321B	Displaced transverse fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.321C	Displaced transverse fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.322B	Displaced transverse fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.322C	Displaced transverse fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.323B	Displaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.323C	Displaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.324B	Nondisplaced transverse fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.324C	Nondisplaced transverse fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.325B	Nondisplaced transverse fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.325C	Nondisplaced transverse fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.326B	Nondisplaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.326C	Nondisplaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.331B	Displaced oblique fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.331C	Displaced oblique fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.332B	Displaced oblique fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S72.332C	Displaced oblique fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.333B	Displaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.333C	Displaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.334B	Nondisplaced oblique fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.334C	Nondisplaced oblique fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.335B	Nondisplaced oblique fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.335C	Nondisplaced oblique fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.336B	Nondisplaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.336C	Nondisplaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.341B	Displaced spiral fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.341C	Displaced spiral fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.342B	Displaced spiral fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.342C	Displaced spiral fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.343B	Displaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.343C	Displaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.344B	Nondisplaced spiral fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.344C	Nondisplaced spiral fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.345B	Nondisplaced spiral fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.345C	Nondisplaced spiral fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.346B	Nondisplaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S72.346C	Nondisplaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.351B	Displaced comminuted fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.351C	Displaced comminuted fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.352B	Displaced comminuted fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.352C	Displaced comminuted fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.353B	Displaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.353C	Displaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.354B	Nondisplaced comminuted fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.354C	Nondisplaced comminuted fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.355B	Nondisplaced comminuted fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.355C	Nondisplaced comminuted fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.356B	Nondisplaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.356C	Nondisplaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.361B	Displaced segmental fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.361C	Displaced segmental fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.362B	Displaced segmental fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.362C	Displaced segmental fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.363B	Displaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.363C	Displaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.364B	Nondisplaced segmental fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S72.364C	Nondisplaced segmental fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.365B	Nondisplaced segmental fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.365C	Nondisplaced segmental fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.366B	Nondisplaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.366C	Nondisplaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.391B	Other fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.391C	Other fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.392B	Other fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.392C	Other fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.399B	Other fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.399C	Other fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.8X1B	Other fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.8X1C	Other fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.8X2B	Other fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.8X2C	Other fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.8X9B	Other fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.8X9C	Other fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.90XB	Unspecified fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.90XC	Unspecified fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.91XB	Unspecified fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.91XC	Unspecified fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.92XB	Unspecified fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S72.92XC	Unspecified fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
812.10	Open fracture of unspecified part of upper end of humerus	Diagnosis	ICD-9-CM
812.11	Open fracture of surgical neck of humerus	Diagnosis	ICD-9-CM
812.12	Open fracture of anatomical neck of humerus	Diagnosis	ICD-9-CM
812.13	Open fracture of greater tuberosity of humerus	Diagnosis	ICD-9-CM
812.19	Other open fracture of upper end of humerus	Diagnosis	ICD-9-CM
812.30	Open fracture of unspecified part of humerus	Diagnosis	ICD-9-CM
812.31	Open fracture of shaft of humerus	Diagnosis	ICD-9-CM
S42.201B	Unspecified fracture of upper end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.202B	Unspecified fracture of upper end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.209B	Unspecified fracture of upper end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.211B	Unspecified displaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.212B	Unspecified displaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.213B	Unspecified displaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.214B	Unspecified nondisplaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.215B	Unspecified nondisplaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.216B	Unspecified nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.221B	2-part displaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.222B	2-part displaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.223B	2-part displaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.224B	2-part nondisplaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.225B	2-part nondisplaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.226B	2-part nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.231B	3-part fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S42.232B	3-part fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.239B	3-part fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.241B	4-part fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.242B	4-part fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.249B	4-part fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.251B	Displaced fracture of greater tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.252B	Displaced fracture of greater tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.253B	Displaced fracture of greater tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.254B	Nondisplaced fracture of greater tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.255B	Nondisplaced fracture of greater tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.256B	Nondisplaced fracture of greater tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.261B	Displaced fracture of lesser tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.262B	Displaced fracture of lesser tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.263B	Displaced fracture of lesser tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.264B	Nondisplaced fracture of lesser tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.265B	Nondisplaced fracture of lesser tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.266B	Nondisplaced fracture of lesser tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.291B	Other displaced fracture of upper end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.292B	Other displaced fracture of upper end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.293B	Other displaced fracture of upper end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S42.294B	Other nondisplaced fracture of upper end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.295B	Other nondisplaced fracture of upper end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.296B	Other nondisplaced fracture of upper end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.301B	Unspecified fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.302B	Unspecified fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.309B	Unspecified fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.321B	Displaced transverse fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.322B	Displaced transverse fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.323B	Displaced transverse fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.324B	Nondisplaced transverse fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.325B	Nondisplaced transverse fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.326B	Nondisplaced transverse fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.331B	Displaced oblique fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.332B	Displaced oblique fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.333B	Displaced oblique fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.334B	Nondisplaced oblique fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.335B	Nondisplaced oblique fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.336B	Nondisplaced oblique fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.341B	Displaced spiral fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.342B	Displaced spiral fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S42.343B	Displaced spiral fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.344B	Nondisplaced spiral fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.345B	Nondisplaced spiral fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.346B	Nondisplaced spiral fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.351B	Displaced comminuted fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.352B	Displaced comminuted fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.353B	Displaced comminuted fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.354B	Nondisplaced comminuted fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.355B	Nondisplaced comminuted fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.356B	Nondisplaced comminuted fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.361B	Displaced segmental fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.362B	Displaced segmental fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.363B	Displaced segmental fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.364B	Nondisplaced segmental fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.365B	Nondisplaced segmental fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.366B	Nondisplaced segmental fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.391B	Other fracture of shaft of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.392B	Other fracture of shaft of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.399B	Other fracture of shaft of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.90XB	Fracture of unspecified shoulder girdle, part unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.91XB	Fracture of right shoulder girdle, part unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S42.92XB	Fracture of left shoulder girdle, part unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
Vertebral Fracture			
806	Fracture of vertebral column with spinal cord injury	Diagnosis	ICD-9-CM
806.0	Closed fracture of cervical vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.00	Closed fracture of C1-C4 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.01	Closed fracture of C1-C4 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.02	Closed fracture of C1-C4 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.03	Closed fracture of C1-C4 level with central cord syndrome	Diagnosis	ICD-9-CM
806.04	Closed fracture of C1-C4 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.05	Closed fracture of C5-C7 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.06	Closed fracture of C5-C7 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.07	Closed fracture of C5-C7 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.08	Closed fracture of C5-C7 level with central cord syndrome	Diagnosis	ICD-9-CM
806.09	Closed fracture of C5-C7 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.1	Open fracture of cervical vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.10	Open fracture of C1-C4 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.11	Open fracture of C1-C4 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.12	Open fracture of C1-C4 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.13	Open fracture of C1-C4 level with central cord syndrome	Diagnosis	ICD-9-CM
806.14	Open fracture of C1-C4 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.15	Open fracture of C5-C7 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.16	Open fracture of C5-C7 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.17	Open fracture of C5-C7 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.18	Open fracture of C5-C7 level with central cord syndrome	Diagnosis	ICD-9-CM
806.19	Open fracture of C5-C7 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.2	Closed fracture of dorsal (thoracic) vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.20	Closed fracture of T1-T6 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.21	Closed fracture of T1-T6 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.22	Closed fracture of T1-T6 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.23	Closed fracture of T1-T6 level with central cord syndrome	Diagnosis	ICD-9-CM
806.24	Closed fracture of T1-T6 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.25	Closed fracture of T7-T12 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.26	Closed fracture of T7-T12 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.27	Closed fracture of T7-T12 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.28	Closed fracture of T7-T12 level with central cord syndrome	Diagnosis	ICD-9-CM
806.29	Closed fracture of T7-T12 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.3	Open fracture of dorsal vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.30	Open fracture of T1-T6 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.31	Open fracture of T1-T6 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.32	Open fracture of T1-T6 level with anterior cord syndrome	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
806.33	Open fracture of T1-T6 level with central cord syndrome	Diagnosis	ICD-9-CM
806.34	Open fracture of T1-T6 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.35	Open fracture of T7-T12 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.36	Open fracture of T7-T12 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.37	Open fracture of T7-T12 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.38	Open fracture of T7-T12 level with central cord syndrome	Diagnosis	ICD-9-CM
806.39	Open fracture of T7-T12 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.4	Closed fracture of lumbar spine with spinal cord injury	Diagnosis	ICD-9-CM
806.5	Open fracture of lumbar spine with spinal cord injury	Diagnosis	ICD-9-CM
806.6	Closed fracture of sacrum and coccyx with spinal cord injury	Diagnosis	ICD-9-CM
806.60	Closed fracture of sacrum and coccyx with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.61	Closed fracture of sacrum and coccyx with complete cauda equina lesion	Diagnosis	ICD-9-CM
806.62	Closed fracture of sacrum and coccyx with other cauda equina injury	Diagnosis	ICD-9-CM
806.69	Closed fracture of sacrum and coccyx with other spinal cord injury	Diagnosis	ICD-9-CM
806.7	Open fracture of sacrum and coccyx with spinal cord injury	Diagnosis	ICD-9-CM
806.70	Open fracture of sacrum and coccyx with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.71	Open fracture of sacrum and coccyx with complete cauda equina lesion	Diagnosis	ICD-9-CM
806.72	Open fracture of sacrum and coccyx with other cauda equina injury	Diagnosis	ICD-9-CM
806.79	Open fracture of sacrum and coccyx with other spinal cord injury	Diagnosis	ICD-9-CM
806.8	Closed fracture of unspecified vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.9	Open fracture of unspecified vertebra with spinal cord injury	Diagnosis	ICD-9-CM
S12.000A	Unspecified displaced fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.000B	Unspecified displaced fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.001A	Unspecified nondisplaced fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.001B	Unspecified nondisplaced fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.100A	Unspecified displaced fracture of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.100B	Unspecified displaced fracture of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.101A	Unspecified nondisplaced fracture of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.101B	Unspecified nondisplaced fracture of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.200A	Unspecified displaced fracture of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.200B	Unspecified displaced fracture of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S12.201A	Unspecified nondisplaced fracture of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.201B	Unspecified nondisplaced fracture of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.300A	Unspecified displaced fracture of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.300B	Unspecified displaced fracture of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.301A	Unspecified nondisplaced fracture of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.301B	Unspecified nondisplaced fracture of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.400A	Unspecified displaced fracture of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.400B	Unspecified displaced fracture of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.401A	Unspecified nondisplaced fracture of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.401B	Unspecified nondisplaced fracture of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.500A	Unspecified displaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.500B	Unspecified displaced fracture of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.501A	Unspecified nondisplaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.501B	Unspecified nondisplaced fracture of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.600A	Unspecified displaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.600B	Unspecified displaced fracture of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.601A	Unspecified nondisplaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.601B	Unspecified nondisplaced fracture of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.9XXA	Fracture of neck, unspecified, initial encounter	Diagnosis	ICD-10-CM
S14.101A	Unspecified injury at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.102A	Unspecified injury at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.103A	Unspecified injury at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.104A	Unspecified injury at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S14.105A	Unspecified injury at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.106A	Unspecified injury at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.107A	Unspecified injury at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.109A	Unspecified injury at unspecified level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.111A	Complete lesion at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.112A	Complete lesion at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.113A	Complete lesion at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.114A	Complete lesion at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.115A	Complete lesion at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.116A	Complete lesion at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.117A	Complete lesion at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.121A	Central cord syndrome at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.122A	Central cord syndrome at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.123A	Central cord syndrome at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.124A	Central cord syndrome at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.125A	Central cord syndrome at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.126A	Central cord syndrome at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.127A	Central cord syndrome at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.131A	Anterior cord syndrome at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.132A	Anterior cord syndrome at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.133A	Anterior cord syndrome at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.134A	Anterior cord syndrome at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.135A	Anterior cord syndrome at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.136A	Anterior cord syndrome at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.137A	Anterior cord syndrome at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.151A	Other incomplete lesion at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.152A	Other incomplete lesion at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.153A	Other incomplete lesion at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.154A	Other incomplete lesion at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.155A	Other incomplete lesion at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.156A	Other incomplete lesion at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.157A	Other incomplete lesion at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S22.009A	Unspecified fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.009B	Unspecified fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.019A	Unspecified fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.019B	Unspecified fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.029A	Unspecified fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S22.029B	Unspecified fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.039A	Unspecified fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.039B	Unspecified fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.049A	Unspecified fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.049B	Unspecified fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.059A	Unspecified fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.059B	Unspecified fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.069A	Unspecified fracture of T7-T8 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.069B	Unspecified fracture of T7-T8 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.079A	Unspecified fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.079B	Unspecified fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.089A	Unspecified fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.089B	Unspecified fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S24.101A	Unspecified injury at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.102A	Unspecified injury at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.103A	Unspecified injury at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.104A	Unspecified injury at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.109A	Unspecified injury at unspecified level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.111A	Complete lesion at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.112A	Complete lesion at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.113A	Complete lesion at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.114A	Complete lesion at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.131A	Anterior cord syndrome at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.132A	Anterior cord syndrome at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.133A	Anterior cord syndrome at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.134A	Anterior cord syndrome at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.151A	Other incomplete lesion at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.152A	Other incomplete lesion at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.153A	Other incomplete lesion at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.154A	Other incomplete lesion at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S32.009A	Unspecified fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.009B	Unspecified fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S32.019A	Unspecified fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.019B	Unspecified fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.029A	Unspecified fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.029B	Unspecified fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.039A	Unspecified fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.039B	Unspecified fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.049A	Unspecified fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.049B	Unspecified fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.059A	Unspecified fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.059B	Unspecified fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.10XA	Unspecified fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.10XB	Unspecified fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.2XXA	Fracture of coccyx, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.2XXB	Fracture of coccyx, initial encounter for open fracture	Diagnosis	ICD-10-CM
S34.101A	Unspecified injury to L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.102A	Unspecified injury to L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.103A	Unspecified injury to L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.104A	Unspecified injury to L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.105A	Unspecified injury to L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.109A	Unspecified injury to unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.111A	Complete lesion of L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.112A	Complete lesion of L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.113A	Complete lesion of L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.114A	Complete lesion of L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.115A	Complete lesion of L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.119A	Complete lesion of unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.121A	Incomplete lesion of L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.122A	Incomplete lesion of L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.123A	Incomplete lesion of L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.124A	Incomplete lesion of L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.125A	Incomplete lesion of L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.129A	Incomplete lesion of unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.131A	Complete lesion of sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.132A	Incomplete lesion of sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
S34.139A	Unspecified injury to sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.3XXA	Injury of cauda equina, initial encounter	Diagnosis	ICD-10-CM
Intracranial Injury			
850	Concussion	Diagnosis	ICD-9-CM
850.0	Concussion with no loss of consciousness	Diagnosis	ICD-9-CM
850.1	Concussion with brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
850.11	Concussion, with loss of consciousness of 30 minutes or less	Diagnosis	ICD-9-CM
850.12	Concussion, with loss of consciousness 31 to 59 minutes	Diagnosis	ICD-9-CM
850.2	Concussion with moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
850.3	Concussion with prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
850.4	Concussion with prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
850.5	Concussion with loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
850.9	Unspecified concussion	Diagnosis	ICD-9-CM
851	Cerebral laceration and contusion	Diagnosis	ICD-9-CM
851.0	Cortex (cerebral) contusion without mention of open intracranial wound	Diagnosis	ICD-9-CM
851.00	Cortex (cerebral) contusion without mention of open intracranial wound, state of consciousness unspecified	Diagnosis	ICD-9-CM
851.01	Cortex (cerebral) contusion without mention of open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM
851.02	Cortex (cerebral) contusion without mention of open intracranial wound, brief (less than 1 hour) loss of consciousness	Diagnosis	ICD-9-CM
851.03	Cortex (cerebral) contusion without mention of open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
851.04	Cortex (cerebral) contusion without mention of open intracranial wound, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
851.05	Cortex (cerebral) contusion without mention of open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
851.06	Cortex (cerebral) contusion without mention of open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
851.09	Cortex (cerebral) contusion without mention of open intracranial wound, unspecified concussion	Diagnosis	ICD-9-CM
851.1	Cortex (cerebral) contusion with open intracranial wound	Diagnosis	ICD-9-CM
851.10	Cortex (cerebral) contusion with open intracranial wound, unspecified state of consciousness	Diagnosis	ICD-9-CM
851.11	Cortex (cerebral) contusion with open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
851.12	Cortex (cerebral) contusion with open intracranial wound, brief (less than 1 hour) loss of consciousness	Diagnosis	ICD-9-CM
851.13	Cortex (cerebral) contusion with open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
851.14	Cortex (cerebral) contusion with open intracranial wound, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
851.15	Cortex (cerebral) contusion with open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
851.16	Cortex (cerebral) contusion with open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
851.19	Cortex (cerebral) contusion with open intracranial wound, unspecified concussion	Diagnosis	ICD-9-CM
851.2	Cortex (cerebral) laceration without mention of open intracranial wound	Diagnosis	ICD-9-CM
851.20	Cortex (cerebral) laceration without mention of open intracranial wound, unspecified state of consciousness	Diagnosis	ICD-9-CM
851.21	Cortex (cerebral) laceration without mention of open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM
851.22	Cortex (cerebral) laceration without mention of open intracranial wound, brief (less than 1 hour) loss of consciousness	Diagnosis	ICD-9-CM
851.23	Cortex (cerebral) laceration without mention of open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
851.24	Cortex (cerebral) laceration without mention of open intracranial wound, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
851.25	Cortex (cerebral) laceration without mention of open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
851.26	Cortex (cerebral) laceration without mention of open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
851.29	Cortex (cerebral) laceration without mention of open intracranial wound, unspecified concussion	Diagnosis	ICD-9-CM
851.3	Cortex (cerebral) laceration with open intracranial wound	Diagnosis	ICD-9-CM
851.30	Cortex (cerebral) laceration with open intracranial wound, unspecified state of consciousness	Diagnosis	ICD-9-CM
851.31	Cortex (cerebral) laceration with open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM
851.32	Cortex (cerebral) laceration with open intracranial wound, brief (less than 1 hour) loss of consciousness	Diagnosis	ICD-9-CM
851.33	Cortex (cerebral) laceration with open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
851.34	Cortex (cerebral) laceration with open intracranial wound, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
851.35	Cortex (cerebral) laceration with open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
851.36	Cortex (cerebral) laceration with open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
851.39	Cortex (cerebral) laceration with open intracranial wound, unspecified concussion	Diagnosis	ICD-9-CM
851.4	Cerebellar or brain stem contusion without mention of open intracranial wound	Diagnosis	ICD-9-CM
851.40	Cerebellar or brain stem contusion without mention of open intracranial wound, unspecified state of consciousness	Diagnosis	ICD-9-CM
851.41	Cerebellar or brain stem contusion without mention of open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM
851.42	Cerebellar or brain stem contusion without mention of open intracranial wound, brief (less than 1 hour) loss of consciousness	Diagnosis	ICD-9-CM
851.43	Cerebellar or brain stem contusion without mention of open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
851.44	Cerebellar or brain stem contusion without mention of open intracranial wound, prolonged (more than 24 hours) loss consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
851.45	Cerebellar or brain stem contusion without mention of open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
851.46	Cerebellar or brain stem contusion without mention of open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
851.49	Cerebellar or brain stem contusion without mention of open intracranial wound, unspecified concussion	Diagnosis	ICD-9-CM
851.5	Cerebellar or brain stem contusion with open intracranial wound	Diagnosis	ICD-9-CM
851.50	Cerebellar or brain stem contusion with open intracranial wound, unspecified state of consciousness	Diagnosis	ICD-9-CM
851.51	Cerebellar or brain stem contusion with open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM
851.52	Cerebellar or brain stem contusion with open intracranial wound, brief (less than 1 hour) loss of consciousness	Diagnosis	ICD-9-CM
851.53	Cerebellar or brain stem contusion with open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
851.54	Cerebellar or brain stem contusion with open intracranial wound, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
851.55	Cerebellar or brain stem contusion with open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
851.56	Cerebellar or brain stem contusion with open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
851.59	Cerebellar or brain stem contusion with open intracranial wound, unspecified concussion	Diagnosis	ICD-9-CM
851.6	Cerebellar or brain stem laceration without mention of open intracranial wound	Diagnosis	ICD-9-CM
851.60	Cerebellar or brain stem laceration without mention of open intracranial wound, unspecified state of consciousness	Diagnosis	ICD-9-CM
851.61	Cerebellar or brain stem laceration without mention of open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM
851.62	Cerebellar or brain stem laceration without mention of open intracranial wound, brief (less than 1 hour) loss of consciousness	Diagnosis	ICD-9-CM
851.63	Cerebellar or brain stem laceration without mention of open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
851.64	Cerebellar or brain stem laceration without mention of open intracranial wound, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
851.65	Cerebellar or brain stem laceration without mention of open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
851.66	Cerebellar or brain stem laceration without mention of open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
851.69	Cerebellar or brain stem laceration without mention of open intracranial wound, unspecified concussion	Diagnosis	ICD-9-CM
851.7	Cerebellar or brain stem laceration with open intracranial wound	Diagnosis	ICD-9-CM
851.70	Cerebellar or brain stem laceration with open intracranial wound, state of consciousness unspecified	Diagnosis	ICD-9-CM
851.71	Cerebellar or brain stem laceration with open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM
851.72	Cerebellar or brain stem laceration with open intracranial wound, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
851.73	Cerebellar or brain stem laceration with open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
851.74	Cerebellar or brain stem laceration with open intracranial wound, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
851.75	Cerebellar or brain stem laceration with open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
851.76	Cerebellar or brain stem laceration with open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
851.79	Cerebellar or brain stem laceration with open intracranial wound, unspecified concussion	Diagnosis	ICD-9-CM
851.8	Other and unspecified cerebral laceration and contusion, without mention of open intracranial wound	Diagnosis	ICD-9-CM
851.80	Other and unspecified cerebral laceration and contusion, without mention of open intracranial wound, unspecified state of consciousness	Diagnosis	ICD-9-CM
851.81	Other and unspecified cerebral laceration and contusion, without mention of open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM
851.82	Other and unspecified cerebral laceration and contusion, without mention of open intracranial wound, brief (less than 1 hour) loss of consciousness	Diagnosis	ICD-9-CM
851.83	Other and unspecified cerebral laceration and contusion, without mention of open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
851.84	Other and unspecified cerebral laceration and contusion, without mention of open intracranial wound, prolonged (more than 24 hours) loss of consciousness and return to preexisting conscious level	Diagnosis	ICD-9-CM
851.85	Other and unspecified cerebral laceration and contusion, without mention of open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
851.86	Other and unspecified cerebral laceration and contusion, without mention of open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
851.89	Other and unspecified cerebral laceration and contusion, without mention of open intracranial wound, unspecified concussion	Diagnosis	ICD-9-CM
851.9	Other and unspecified cerebral laceration and contusion, with open intracranial wound	Diagnosis	ICD-9-CM
851.90	Other and unspecified cerebral laceration and contusion, with open intracranial wound, unspecified state of consciousness	Diagnosis	ICD-9-CM
851.91	Other and unspecified cerebral laceration and contusion, with open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM
851.92	Other and unspecified cerebral laceration and contusion, with open intracranial wound, brief (less than 1 hour) loss of consciousness	Diagnosis	ICD-9-CM
851.93	Other and unspecified cerebral laceration and contusion, with open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
851.94	Other and unspecified cerebral laceration and contusion, with open intracranial wound, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
851.95	Other and unspecified cerebral laceration and contusion, with open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
851.96	Other and unspecified cerebral laceration and contusion, with open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
851.99	Other and unspecified cerebral laceration and contusion, with open intracranial wound, unspecified concussion	Diagnosis	ICD-9-CM
852	Subarachnoid, subdural, and extradural hemorrhage, following injury	Diagnosis	ICD-9-CM
852.0	Subarachnoid hemorrhage following injury without mention of open intracranial wound	Diagnosis	ICD-9-CM
852.00	Subarachnoid hemorrhage following injury, without mention of open intracranial wound, unspecified state of consciousness	Diagnosis	ICD-9-CM
852.01	Subarachnoid hemorrhage following injury, without mention of open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM
852.02	Subarachnoid hemorrhage following injury, without mention of open intracranial wound, brief (less than 1 hour) loss of consciousness	Diagnosis	ICD-9-CM
852.03	Subarachnoid hemorrhage following injury, without mention of open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
852.04	Subarachnoid hemorrhage following injury, without mention of open intracranial wound, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
852.05	Subarachnoid hemorrhage following injury, without mention of open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
852.06	Subarachnoid hemorrhage following injury, without mention of open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
852.09	Subarachnoid hemorrhage following injury, without mention of open intracranial wound, unspecified concussion	Diagnosis	ICD-9-CM
852.1	Subarachnoid hemorrhage following injury, with open intracranial wound	Diagnosis	ICD-9-CM
852.10	Subarachnoid hemorrhage following injury, with open intracranial wound, unspecified state of consciousness	Diagnosis	ICD-9-CM
852.11	Subarachnoid hemorrhage following injury, with open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM
852.12	Subarachnoid hemorrhage following injury, with open intracranial wound, brief (less than 1 hour) loss of consciousness	Diagnosis	ICD-9-CM
852.13	Subarachnoid hemorrhage following injury, with open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
852.14	Subarachnoid hemorrhage following injury, with open intracranial wound, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
852.15	Subarachnoid hemorrhage following injury, with open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
852.16	Subarachnoid hemorrhage following injury, with open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
852.19	Subarachnoid hemorrhage following injury, with open intracranial wound, unspecified concussion	Diagnosis	ICD-9-CM
852.2	Subdural hemorrhage following injury without mention of open intracranial wound	Diagnosis	ICD-9-CM
852.20	Subdural hemorrhage following injury, without mention of open intracranial wound, unspecified state of consciousness	Diagnosis	ICD-9-CM
852.21	Subdural hemorrhage following injury, without mention of open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM
852.22	Subdural hemorrhage following injury, without mention of open intracranial wound, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
852.23	Subdural hemorrhage following injury, without mention of open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
852.24	Subdural hemorrhage following injury, without mention of open intracranial wound, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
852.25	Subdural hemorrhage following injury, without mention of open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
852.26	Subdural hemorrhage following injury, without mention of open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
852.29	Subdural hemorrhage following injury, without mention of open intracranial wound, unspecified concussion	Diagnosis	ICD-9-CM
852.3	Subdural hemorrhage following injury, with open intracranial wound	Diagnosis	ICD-9-CM
852.30	Subdural hemorrhage following injury, with open intracranial wound, state of consciousness unspecified	Diagnosis	ICD-9-CM
852.31	Subdural hemorrhage following injury, with open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM
852.32	Subdural hemorrhage following injury, with open intracranial wound, brief (less than 1 hour) loss of consciousness	Diagnosis	ICD-9-CM
852.33	Subdural hemorrhage following injury, with open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
852.34	Subdural hemorrhage following injury, with open intracranial wound, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
852.35	Subdural hemorrhage following injury, with open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
852.36	Subdural hemorrhage following injury, with open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
852.39	Subdural hemorrhage following injury, with open intracranial wound, unspecified concussion	Diagnosis	ICD-9-CM
852.4	Extradural hemorrhage following injury without mention of open intracranial wound	Diagnosis	ICD-9-CM
852.40	Extradural hemorrhage following injury, without mention of open intracranial wound, unspecified state of consciousness	Diagnosis	ICD-9-CM
852.41	Extradural hemorrhage following injury, without mention of open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM
852.42	Extradural hemorrhage following injury, without mention of open intracranial wound, brief (less than 1 hour) loss of consciousness	Diagnosis	ICD-9-CM
852.43	Extradural hemorrhage following injury, without mention of open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
852.44	Extradural hemorrhage following injury, without mention of open intracranial wound, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
852.45	Extradural hemorrhage following injury, without mention of open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
852.46	Extradural hemorrhage following injury, without mention of open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
852.49	Extradural hemorrhage following injury, without mention of open intracranial wound, unspecified concussion	Diagnosis	ICD-9-CM
852.5	Extradural hemorrhage following injury with open intracranial wound	Diagnosis	ICD-9-CM
852.50	Extradural hemorrhage following injury, with open intracranial wound, state of consciousness unspecified	Diagnosis	ICD-9-CM
852.51	Extradural hemorrhage following injury, with open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM
852.52	Extradural hemorrhage following injury, with open intracranial wound, brief (less than 1 hour) loss of consciousness	Diagnosis	ICD-9-CM
852.53	Extradural hemorrhage following injury, with open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
852.54	Extradural hemorrhage following injury, with open intracranial wound, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
852.55	Extradural hemorrhage following injury, with open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
852.56	Extradural hemorrhage following injury, with open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
852.59	Extradural hemorrhage following injury, with open intracranial wound, unspecified concussion	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
853	Other and unspecified intracranial hemorrhage following injury	Diagnosis	ICD-9-CM
853.0	Other and unspecified intracranial hemorrhage following injury, without mention of open intracranial wound	Diagnosis	ICD-9-CM
853.00	Other and unspecified intracranial hemorrhage following injury, without mention of open intracranial wound, unspecified state of consciousness	Diagnosis	ICD-9-CM
853.01	Other and unspecified intracranial hemorrhage following injury, without mention of open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM
853.02	Other and unspecified intracranial hemorrhage following injury, without mention of open intracranial wound, brief (less than 1 hour) loss of consciousness	Diagnosis	ICD-9-CM
853.03	Other and unspecified intracranial hemorrhage following injury, without mention of open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
853.04	Other and unspecified intracranial hemorrhage following injury, without mention of open intracranial wound, prolonged (more than 24 hours) loss of consciousness and return to preexisting conscious level	Diagnosis	ICD-9-CM
853.05	Other and unspecified intracranial hemorrhage following injury. Without mention of open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
853.06	Other and unspecified intracranial hemorrhage following injury, without mention of open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
853.09	Other and unspecified intracranial hemorrhage following injury, without mention of open intracranial wound, unspecified concussion	Diagnosis	ICD-9-CM
853.1	Other and unspecified intracranial hemorrhage following injury with open intracranial wound	Diagnosis	ICD-9-CM
853.10	Other and unspecified intracranial hemorrhage following injury, with open intracranial wound, unspecified state of consciousness	Diagnosis	ICD-9-CM
853.11	Other and unspecified intracranial hemorrhage following injury, with open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM
853.12	Other and unspecified intracranial hemorrhage following injury, with open intracranial wound, brief (less than 1 hour) loss of consciousness	Diagnosis	ICD-9-CM
853.13	Other and unspecified intracranial hemorrhage following injury, with open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
853.14	Other and unspecified intracranial hemorrhage following injury, with open intracranial wound, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
853.15	Other and unspecified intracranial hemorrhage following injury, with open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
853.16	Other and unspecified intracranial hemorrhage following injury, with open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
853.19	Other and unspecified intracranial hemorrhage following injury, with open intracranial wound, unspecified concussion	Diagnosis	ICD-9-CM
854	Intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
854.0	Intracranial injury of other and unspecified nature without mention of open intracranial wound	Diagnosis	ICD-9-CM
854.00	Intracranial injury of other and unspecified nature, without mention of open intracranial wound, unspecified state of consciousness	Diagnosis	ICD-9-CM
854.01	Intracranial injury of other and unspecified nature, without mention of open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM
854.02	Intracranial injury of other and unspecified nature, without mention of open intracranial wound, brief (less than 1 hour) loss of consciousness	Diagnosis	ICD-9-CM
854.03	Intracranial injury of other and unspecified nature, without mention of open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
854.04	Intracranial injury of other and unspecified nature, without mention of open intracranial wound, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
854.05	Intracranial injury of other and unspecified nature, without mention of open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
854.06	Intracranial injury of other and unspecified nature, without mention of open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
854.09	Intracranial injury of other and unspecified nature, without mention of open intracranial wound, unspecified concussion	Diagnosis	ICD-9-CM
854.1	Intracranial injury of other and unspecified nature with open intracranial wound	Diagnosis	ICD-9-CM
854.10	Intracranial injury of other and unspecified nature, with open intracranial wound, unspecified state of consciousness	Diagnosis	ICD-9-CM
854.11	Intracranial injury of other and unspecified nature, with open intracranial wound, no loss of consciousness	Diagnosis	ICD-9-CM
854.12	Intracranial injury of other and unspecified nature, with open intracranial wound, brief (less than 1 hour) loss of consciousness	Diagnosis	ICD-9-CM
854.13	Intracranial injury of other and unspecified nature, with open intracranial wound, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
854.14	Intracranial injury of other and unspecified nature, with open intracranial wound, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
854.15	Intracranial injury of other and unspecified nature, with open intracranial wound, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
854.16	Intracranial injury of other and unspecified nature, with open intracranial wound, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
854.19	Intracranial injury of other and unspecified nature, with open intracranial wound, with unspecified concussion	Diagnosis	ICD-9-CM
S01.90XA	Unspecified open wound of unspecified part of head, initial encounter	Diagnosis	ICD-10-CM
S06.0X0A	Concussion without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.0X1A	Concussion with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.0X9A	Concussion with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.1X0A	Traumatic cerebral edema without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.1X1A	Traumatic cerebral edema with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.1X2A	Traumatic cerebral edema with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.1X3A	Traumatic cerebral edema with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.1X4A	Traumatic cerebral edema with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.1X5A	Traumatic cerebral edema with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.1X6A	Traumatic cerebral edema with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.1X7A	Traumatic cerebral edema with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.1X8A	Traumatic cerebral edema with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.1X9A	Traumatic cerebral edema with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.2X0A	Diffuse traumatic brain injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.2X1A	Diffuse traumatic brain injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.2X2A	Diffuse traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.2X3A	Diffuse traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.2X4A	Diffuse traumatic brain injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.2X5A	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious levels, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S06.2X6A	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.2X7A	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.2X8A	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.2X9A	Diffuse traumatic brain injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.300A	Unspecified focal traumatic brain injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.301A	Unspecified focal traumatic brain injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.302A	Unspecified focal traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.303A	Unspecified focal traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.304A	Unspecified focal traumatic brain injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.305A	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.306A	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.307A	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.308A	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.309A	Unspecified focal traumatic brain injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.310A	Contusion and laceration of right cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.311A	Contusion and laceration of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.312A	Contusion and laceration of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.313A	Contusion and laceration of right cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S06.314A	Contusion and laceration of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.315A	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.316A	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.317A	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.318A	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.319A	Contusion and laceration of right cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.320A	Contusion and laceration of left cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.321A	Contusion and laceration of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.322A	Contusion and laceration of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.323A	Contusion and laceration of left cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.324A	Contusion and laceration of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.325A	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.326A	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.327A	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.328A	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.329A	Contusion and laceration of left cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.330A	Contusion and laceration of cerebrum, unspecified, without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
S06.331A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.332A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.333A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.334A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.335A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.336A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.337A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.338A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.339A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.340A	Traumatic hemorrhage of right cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.341A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.342A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.343A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.344A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.345A	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.346A	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.347A	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
S06.348A	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.349A	Traumatic hemorrhage of right cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.350A	Traumatic hemorrhage of left cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.351A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.352A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.353A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.354A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.355A	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.356A	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.357A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.358A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.359A	Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.360A	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.361A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.362A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.363A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.364A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.365A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S06.366A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.367A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.368A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.369A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.370A	Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.371A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.372A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.373A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.374A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.375A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.376A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.377A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.378A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.379A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.380A	Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.381A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.382A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
S06.383A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.384A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.385A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.386A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.387A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.388A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.389A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.4X0A	Epidural hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.4X1A	Epidural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.4X2A	Epidural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.4X3A	Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.4X4A	Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.4X5A	Epidural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.4X6A	Epidural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.4X7A	Epidural hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.4X8A	Epidural hemorrhage with loss of consciousness of any duration with death due to other causes prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.4X9A	Epidural hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.5X0A	Traumatic subdural hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X1A	Traumatic subdural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S06.5X2A	Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.5X3A	Traumatic subdural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.5X4A	Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.5X5A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.5X6A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.5X7A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to brain injury before regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X8A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to other cause before regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X9A	Traumatic subdural hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.6X0A	Traumatic subarachnoid hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X1A	Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.6X2A	Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.6X3A	Traumatic subarachnoid hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.6X4A	Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.6X5A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.6X6A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.6X7A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X8A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X9A	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
S06.810A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.811A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.812A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.813A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.814A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.815A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.816A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.817A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.818A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.819A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.820A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.821A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.822A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.823A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.824A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.825A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S06.826A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.827A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.828A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.829A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.890A	Other specified intracranial injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.891A	Other specified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.892A	Other specified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.893A	Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.894A	Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.895A	Other specified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.896A	Other specified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.897A	Other specified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.898A	Other specified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.899A	Other specified intracranial injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.9X0A	Unspecified intracranial injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X1A	Unspecified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.9X2A	Unspecified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.9X3A	Unspecified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S06.9X4A	Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.9X5A	Unspecified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.9X6A	Unspecified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.9X7A	Unspecified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X8A	Unspecified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X9A	Unspecified intracranial injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
Internal Injury			
860	Traumatic pneumothorax and hemothorax	Diagnosis	ICD-9-CM
860.0	Traumatic pneumothorax without mention of open wound into thorax	Diagnosis	ICD-9-CM
860.1	Traumatic pneumothorax with open wound into thorax	Diagnosis	ICD-9-CM
860.2	Traumatic hemothorax without mention of open wound into thorax	Diagnosis	ICD-9-CM
860.3	Traumatic hemothorax with open wound into thorax	Diagnosis	ICD-9-CM
860.4	Traumatic pneumohemothorax without mention of open wound into thorax	Diagnosis	ICD-9-CM
860.5	Traumatic pneumohemothorax with open wound into thorax	Diagnosis	ICD-9-CM
861	Injury to heart and lung	Diagnosis	ICD-9-CM
861.0	Heart injury, without mention of open wound into thorax	Diagnosis	ICD-9-CM
861.00	Unspecified injury to heart without mention of open wound into thorax	Diagnosis	ICD-9-CM
861.01	Heart contusion without mention of open wound into thorax	Diagnosis	ICD-9-CM
861.02	Heart laceration without penetration of heart chambers or mention of open wound into thorax	Diagnosis	ICD-9-CM
861.03	Heart laceration with penetration of heart chambers, without mention of open wound into thorax	Diagnosis	ICD-9-CM
861.1	Heart injury, with open wound into thorax	Diagnosis	ICD-9-CM
861.10	Unspecified injury to heart with open wound into thorax	Diagnosis	ICD-9-CM
861.11	Heart contusion with open wound into thorax	Diagnosis	ICD-9-CM
861.12	Heart laceration without penetration of heart chambers, with open wound into thorax	Diagnosis	ICD-9-CM
861.13	Heart laceration with penetration of heart chambers and open wound into thorax	Diagnosis	ICD-9-CM
861.2	Lung injury, without mention of open wound into thorax	Diagnosis	ICD-9-CM
861.20	Unspecified lung injury without mention of open wound into thorax	Diagnosis	ICD-9-CM
861.21	Lung contusion without mention of open wound into thorax	Diagnosis	ICD-9-CM
861.22	Lung laceration without mention of open wound into thorax	Diagnosis	ICD-9-CM
861.3	Lung injury, with open wound into thorax	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
861.30	Unspecified lung injury with open wound into thorax	Diagnosis	ICD-9-CM
861.31	Lung contusion with open wound into thorax	Diagnosis	ICD-9-CM
861.32	Lung laceration with open wound into thorax	Diagnosis	ICD-9-CM
862	Injury to other and unspecified intrathoracic organs	Diagnosis	ICD-9-CM
862.0	Diaphragm injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
862.1	Diaphragm injury with open wound into cavity	Diagnosis	ICD-9-CM
862.2	Injury to other specified intrathoracic organs without mention of open wound into cavity	Diagnosis	ICD-9-CM
862.21	Bronchus injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
862.22	Esophagus injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
862.29	Injury to other specified intrathoracic organs without mention of open wound into cavity	Diagnosis	ICD-9-CM
862.3	Injury to other specified intrathoracic organs with open wound into cavity	Diagnosis	ICD-9-CM
862.31	Bronchus injury with open wound into cavity	Diagnosis	ICD-9-CM
862.32	Esophagus injury with open wound into cavity	Diagnosis	ICD-9-CM
862.39	Injury to other specified intrathoracic organs with open wound into cavity	Diagnosis	ICD-9-CM
862.8	Injury to multiple and unspecified intrathoracic organs without mention of open wound into cavity	Diagnosis	ICD-9-CM
862.9	Injury to multiple and unspecified intrathoracic organs with open wound into cavity	Diagnosis	ICD-9-CM
863	Gastrointestinal tract injury	Diagnosis	ICD-9-CM
863.0	Stomach injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.1	Stomach injury with open wound into cavity	Diagnosis	ICD-9-CM
863.2	Small intestine injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.20	Small intestine injury, unspecified site, without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.21	Duodenum injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.29	Other injury to small intestine without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.3	Small intestine injury with open wound into cavity	Diagnosis	ICD-9-CM
863.30	Small intestine injury, unspecified site, with open wound into cavity	Diagnosis	ICD-9-CM
863.31	Duodenum injury with open wound into cavity	Diagnosis	ICD-9-CM
863.39	Other injury to small intestine with open wound into cavity	Diagnosis	ICD-9-CM
863.4	Colon or rectal injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.40	Colon injury unspecified site, without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.41	Ascending (right) colon injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.42	Transverse colon injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.43	Descending (left) colon injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.44	Sigmoid colon injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.45	Rectum injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.46	Injury to multiple sites in colon and rectum without mention of open wound into cavity	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
863.49	Other colon and rectum injury, without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.5	Injury to colon or rectum with open wound into cavity	Diagnosis	ICD-9-CM
863.50	Colon injury, unspecified site, with open wound into cavity	Diagnosis	ICD-9-CM
863.51	Ascending (right) colon injury with open wound into cavity	Diagnosis	ICD-9-CM
863.52	Transverse colon injury with open wound into cavity	Diagnosis	ICD-9-CM
863.53	Descending (left) colon injury with open wound into cavity	Diagnosis	ICD-9-CM
863.54	Sigmoid colon injury with open wound into cavity	Diagnosis	ICD-9-CM
863.55	Rectum injury with open wound into cavity	Diagnosis	ICD-9-CM
863.56	Injury to multiple sites in colon and rectum with open wound into cavity	Diagnosis	ICD-9-CM
863.59	Other injury to colon and rectum with open wound into cavity	Diagnosis	ICD-9-CM
863.8	Injury to other and unspecified gastrointestinal sites without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.80	Gastrointestinal tract injury, unspecified site, without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.81	Pancreas head injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.82	Pancreas body injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.83	Pancreas tail injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.84	Pancreas injury, multiple and unspecified sites, without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.85	Appendix injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.89	Injury to other and unspecified gastrointestinal sites without mention of open wound into cavity	Diagnosis	ICD-9-CM
863.9	Injury to other and unspecified gastrointestinal sites, with open wound into cavity	Diagnosis	ICD-9-CM
863.90	Gastrointestinal tract injury, unspecified site, with open wound into cavity	Diagnosis	ICD-9-CM
863.91	Pancreas head injury with open wound into cavity	Diagnosis	ICD-9-CM
863.92	Pancreas body injury with open wound into cavity	Diagnosis	ICD-9-CM
863.93	Pancreas tail injury with open wound into cavity	Diagnosis	ICD-9-CM
863.94	Pancreas injury, multiple and unspecified sites, with open wound into cavity	Diagnosis	ICD-9-CM
863.95	Appendix injury with open wound into cavity	Diagnosis	ICD-9-CM
863.99	Injury to other and unspecified gastrointestinal sites with open wound into cavity	Diagnosis	ICD-9-CM
864	Injury to liver	Diagnosis	ICD-9-CM
864.0	Liver injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
864.00	Unspecified injury to liver without mention of open wound into cavity	Diagnosis	ICD-9-CM
864.01	Liver hematoma and contusion without mention of open wound into cavity	Diagnosis	ICD-9-CM
864.02	Liver laceration, minor, without mention of open wound into cavity	Diagnosis	ICD-9-CM
864.03	Liver laceration, moderate, without mention of open wound into cavity	Diagnosis	ICD-9-CM
864.04	Liver laceration, major, without mention of open wound into cavity	Diagnosis	ICD-9-CM
864.05	Liver injury without mention of open wound into cavity, unspecified laceration	Diagnosis	ICD-9-CM
864.09	Other liver injury without mention of open wound into cavity	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
864.1	Liver injury with open wound into cavity	Diagnosis	ICD-9-CM
864.10	Unspecified liver injury with open wound into cavity	Diagnosis	ICD-9-CM
864.11	Liver hematoma and contusion with open wound into cavity	Diagnosis	ICD-9-CM
864.12	Liver laceration, minor, with open wound into cavity	Diagnosis	ICD-9-CM
864.13	Liver laceration, moderate, with open wound into cavity	Diagnosis	ICD-9-CM
864.14	Liver laceration, major, with open wound into cavity	Diagnosis	ICD-9-CM
864.15	Liver injury with open wound into cavity, unspecified laceration	Diagnosis	ICD-9-CM
864.19	Other liver injury with open wound into cavity	Diagnosis	ICD-9-CM
865	Injury to spleen	Diagnosis	ICD-9-CM
865.0	Spleen injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
865.00	Unspecified spleen injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
865.01	Spleen hematoma, without rupture of capsule or mention of open wound into cavity	Diagnosis	ICD-9-CM
865.02	Capsular tears to spleen, without major disruption of parenchyma or mention of open wound into cavity	Diagnosis	ICD-9-CM
865.03	Spleen laceration extending into parenchyma without mention of open wound into cavity	Diagnosis	ICD-9-CM
865.04	Massive parenchymal disruption of spleen without mention of open wound into cavity	Diagnosis	ICD-9-CM
865.09	Other spleen injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
865.1	Spleen injury with open wound into cavity	Diagnosis	ICD-9-CM
865.10	Unspecified spleen injury with open wound into cavity	Diagnosis	ICD-9-CM
865.11	Spleen hematoma, without rupture of capsule, with open wound into cavity	Diagnosis	ICD-9-CM
865.12	Capsular tears to spleen, without major disruption of parenchyma, with open wound into cavity	Diagnosis	ICD-9-CM
865.13	Spleen laceration extending into parenchyma, with open wound into cavity	Diagnosis	ICD-9-CM
865.14	Massive parenchyma disruption of spleen with open wound into cavity	Diagnosis	ICD-9-CM
865.19	Other spleen injury with open wound into cavity	Diagnosis	ICD-9-CM
866	Injury to kidney	Diagnosis	ICD-9-CM
866.0	Kidney injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
866.00	Unspecified kidney injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
866.01	Kidney hematoma without rupture of capsule or mention of open wound into cavity	Diagnosis	ICD-9-CM
866.02	Kidney laceration without mention of open wound into cavity	Diagnosis	ICD-9-CM
866.03	Complete disruption of kidney parenchyma, without mention of open wound into cavity	Diagnosis	ICD-9-CM
866.1	Kidney injury with open wound into cavity	Diagnosis	ICD-9-CM
866.10	Unspecified kidney injury with open wound into cavity	Diagnosis	ICD-9-CM
866.11	Kidney hematoma, without rupture of capsule, with open wound into cavity	Diagnosis	ICD-9-CM
866.12	Kidney laceration with open wound into cavity	Diagnosis	ICD-9-CM
866.13	Complete disruption of kidney parenchyma, with open wound into cavity	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
867	Injury to pelvic organs	Diagnosis	ICD-9-CM
867.0	Bladder and urethra injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
867.1	Bladder and urethra injury with open wound into cavity	Diagnosis	ICD-9-CM
867.2	Ureter injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
867.3	Ureter injury with open wound into cavity	Diagnosis	ICD-9-CM
867.4	Uterus injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
867.5	Uterus injury with open wound into cavity	Diagnosis	ICD-9-CM
867.6	Injury to other specified pelvic organs without mention of open wound into cavity	Diagnosis	ICD-9-CM
867.7	Injury to other specified pelvic organs with open wound into cavity	Diagnosis	ICD-9-CM
867.8	Injury to unspecified pelvic organ without mention of open wound into cavity	Diagnosis	ICD-9-CM
867.9	Injury to unspecified pelvic organ with open wound into cavity	Diagnosis	ICD-9-CM
868	Injury to other intra-abdominal organs	Diagnosis	ICD-9-CM
868.0	Injury to other intra-abdominal organs without mention of open wound into cavity	Diagnosis	ICD-9-CM
868.00	Injury to unspecified intra-abdominal organ without mention of open wound into cavity	Diagnosis	ICD-9-CM
868.01	Adrenal gland injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
868.02	Bile duct and gallbladder injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
868.03	Peritoneum injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
868.04	Retroperitoneum injury without mention of open wound into cavity	Diagnosis	ICD-9-CM
868.09	Injury to other and multiple intra-abdominal organs without mention of open wound into cavity	Diagnosis	ICD-9-CM
868.1	Injury to other intra-abdominal organs with open wound into cavity	Diagnosis	ICD-9-CM
868.10	Injury to unspecified intra-abdominal organ, with open wound into cavity	Diagnosis	ICD-9-CM
868.11	Adrenal gland injury, with open wound into cavity	Diagnosis	ICD-9-CM
868.12	Bile duct and gallbladder injury, with open wound into cavity	Diagnosis	ICD-9-CM
868.13	Peritoneum injury with open wound into cavity	Diagnosis	ICD-9-CM
868.14	Retroperitoneum injury with open wound into cavity	Diagnosis	ICD-9-CM
868.19	Injury to other and multiple intra-abdominal organs, with open wound into cavity	Diagnosis	ICD-9-CM
869	Internal injury to unspecified or ill-defined organs	Diagnosis	ICD-9-CM
869.0	Internal injury to unspecified or ill-defined organs without mention of open wound into cavity	Diagnosis	ICD-9-CM
869.1	Internal injury to unspecified or ill-defined organs with open wound into cavity	Diagnosis	ICD-9-CM
S21.301A	Unspecified open wound of right front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.302A	Unspecified open wound of left front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.309A	Unspecified open wound of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S21.311A	Laceration without foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.312A	Laceration without foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.319A	Laceration without foreign body of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.321A	Laceration with foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.322A	Laceration with foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.329A	Laceration with foreign body of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.331A	Puncture wound without foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.332A	Puncture wound without foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.339A	Puncture wound without foreign body of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.341A	Puncture wound with foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.342A	Puncture wound with foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.349A	Puncture wound with foreign body of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.351A	Open bite of right front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.352A	Open bite of left front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.359A	Open bite of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.401A	Unspecified open wound of right back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.402A	Unspecified open wound of left back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.409A	Unspecified open wound of unspecified back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.411A	Laceration without foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.412A	Laceration without foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S21.419A	Laceration without foreign body of unspecified back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.421A	Laceration with foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.422A	Laceration with foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.429A	Laceration with foreign body of unspecified back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.431A	Puncture wound without foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.432A	Puncture wound without foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.439A	Puncture wound without foreign body of unspecified back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.441A	Puncture wound with foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.442A	Puncture wound with foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.449A	Puncture wound with foreign body of unspecified back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.451A	Open bite of right back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.452A	Open bite of left back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S21.459A	Open bite of unspecified back wall of thorax with penetration into thoracic cavity, initial encounter	Diagnosis	ICD-10-CM
S26.00XA	Unspecified injury of heart with hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.01XA	Contusion of heart with hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.020A	Mild laceration of heart with hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.021A	Moderate laceration of heart with hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.022A	Major laceration of heart with hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.09XA	Other injury of heart with hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.10XA	Unspecified injury of heart without hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.11XA	Contusion of heart without hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.12XA	Laceration of heart without hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.19XA	Other injury of heart without hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.90XA	Unspecified injury of heart, unspecified with or without hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.91XA	Contusion of heart, unspecified with or without hemopericardium, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S26.92XA	Laceration of heart, unspecified with or without hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S26.99XA	Other injury of heart, unspecified with or without hemopericardium, initial encounter	Diagnosis	ICD-10-CM
S27.0XXA	Traumatic pneumothorax, initial encounter	Diagnosis	ICD-10-CM
S27.1XXA	Traumatic hemothorax, initial encounter	Diagnosis	ICD-10-CM
S27.2XXA	Traumatic hemopneumothorax, initial encounter	Diagnosis	ICD-10-CM
S27.301A	Unspecified injury of lung, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.302A	Unspecified injury of lung, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.309A	Unspecified injury of lung, unspecified, initial encounter	Diagnosis	ICD-10-CM
S27.311A	Primary blast injury of lung, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.312A	Primary blast injury of lung, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.319A	Primary blast injury of lung, unspecified, initial encounter	Diagnosis	ICD-10-CM
S27.321A	Contusion of lung, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.322A	Contusion of lung, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.329A	Contusion of lung, unspecified, initial encounter	Diagnosis	ICD-10-CM
S27.331A	Laceration of lung, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.332A	Laceration of lung, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.339A	Laceration of lung, unspecified, initial encounter	Diagnosis	ICD-10-CM
S27.391A	Other injuries of lung, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.392A	Other injuries of lung, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.399A	Other injuries of lung, unspecified, initial encounter	Diagnosis	ICD-10-CM
S27.401A	Unspecified injury of bronchus, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.402A	Unspecified injury of bronchus, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.409A	Unspecified injury of bronchus, unspecified, initial encounter	Diagnosis	ICD-10-CM
S27.411A	Primary blast injury of bronchus, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.412A	Primary blast injury of bronchus, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.419A	Primary blast injury of bronchus, unspecified, initial encounter	Diagnosis	ICD-10-CM
S27.421A	Contusion of bronchus, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.422A	Contusion of bronchus, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.429A	Contusion of bronchus, unspecified, initial encounter	Diagnosis	ICD-10-CM
S27.431A	Laceration of bronchus, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.432A	Laceration of bronchus, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.439A	Laceration of bronchus, unspecified, initial encounter	Diagnosis	ICD-10-CM
S27.491A	Other injury of bronchus, unilateral, initial encounter	Diagnosis	ICD-10-CM
S27.492A	Other injury of bronchus, bilateral, initial encounter	Diagnosis	ICD-10-CM
S27.499A	Other injury of bronchus, unspecified, initial encounter	Diagnosis	ICD-10-CM
S27.50XA	Unspecified injury of thoracic trachea, initial encounter	Diagnosis	ICD-10-CM
S27.51XA	Primary blast injury of thoracic trachea, initial encounter	Diagnosis	ICD-10-CM
S27.52XA	Contusion of thoracic trachea, initial encounter	Diagnosis	ICD-10-CM
S27.53XA	Laceration of thoracic trachea, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
S27.59XA	Other injury of thoracic trachea, initial encounter	Diagnosis	ICD-10-CM
S27.60XA	Unspecified injury of pleura, initial encounter	Diagnosis	ICD-10-CM
S27.63XA	Laceration of pleura, initial encounter	Diagnosis	ICD-10-CM
S27.69XA	Other injury of pleura, initial encounter	Diagnosis	ICD-10-CM
S27.802A	Contusion of diaphragm, initial encounter	Diagnosis	ICD-10-CM
S27.803A	Laceration of diaphragm, initial encounter	Diagnosis	ICD-10-CM
S27.808A	Other injury of diaphragm, initial encounter	Diagnosis	ICD-10-CM
S27.809A	Unspecified injury of diaphragm, initial encounter	Diagnosis	ICD-10-CM
S27.812A	Contusion of esophagus (thoracic part), initial encounter	Diagnosis	ICD-10-CM
S27.813A	Laceration of esophagus (thoracic part), initial encounter	Diagnosis	ICD-10-CM
S27.818A	Other injury of esophagus (thoracic part), initial encounter	Diagnosis	ICD-10-CM
S27.819A	Unspecified injury of esophagus (thoracic part), initial encounter	Diagnosis	ICD-10-CM
S27.892A	Contusion of other specified intrathoracic organs, initial encounter	Diagnosis	ICD-10-CM
S27.893A	Laceration of other specified intrathoracic organs, initial encounter	Diagnosis	ICD-10-CM
S27.898A	Other injury of other specified intrathoracic organs, initial encounter	Diagnosis	ICD-10-CM
S27.899A	Unspecified injury of other specified intrathoracic organs, initial encounter	Diagnosis	ICD-10-CM
S27.9XXA	Injury of unspecified intrathoracic organ, initial encounter	Diagnosis	ICD-10-CM
S31.001A	Unspecified open wound of lower back and pelvis with penetration into retroperitoneum, initial encounter	Diagnosis	ICD-10-CM
S31.011A	Laceration without foreign body of lower back and pelvis with penetration into retroperitoneum, initial encounter	Diagnosis	ICD-10-CM
S31.021A	Laceration with foreign body of lower back and pelvis with penetration into retroperitoneum, initial encounter	Diagnosis	ICD-10-CM
S31.031A	Puncture wound without foreign body of lower back and pelvis with penetration into retroperitoneum, initial encounter	Diagnosis	ICD-10-CM
S31.041A	Puncture wound with foreign body of lower back and pelvis with penetration into retroperitoneum, initial encounter	Diagnosis	ICD-10-CM
S31.051A	Open bite of lower back and pelvis with penetration into retroperitoneum, initial encounter	Diagnosis	ICD-10-CM
S31.600A	Unspecified open wound of abdominal wall, right upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.601A	Unspecified open wound of abdominal wall, left upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.602A	Unspecified open wound of abdominal wall, epigastric region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.603A	Unspecified open wound of abdominal wall, right lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.604A	Unspecified open wound of abdominal wall, left lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.605A	Unspecified open wound of abdominal wall, periumbilic region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S31.609A	Unspecified open wound of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.610A	Laceration without foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.611A	Laceration without foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.612A	Laceration without foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.613A	Laceration without foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.614A	Laceration without foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.615A	Laceration without foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.619A	Laceration without foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.620A	Laceration with foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.621A	Laceration with foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.622A	Laceration with foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.623A	Laceration with foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.624A	Laceration with foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.625A	Laceration with foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.629A	Laceration with foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.630A	Puncture wound without foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.631A	Puncture wound without foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.632A	Puncture wound without foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.633A	Puncture wound without foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.634A	Puncture wound without foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S31.635A	Puncture wound without foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.639A	Puncture wound without foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.640A	Puncture wound with foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.641A	Puncture wound with foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.642A	Puncture wound with foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.643A	Puncture wound with foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.644A	Puncture wound with foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.645A	Puncture wound with foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.649A	Puncture wound with foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.650A	Open bite of abdominal wall, right upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.651A	Open bite of abdominal wall, left upper quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.652A	Open bite of abdominal wall, epigastric region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.653A	Open bite of abdominal wall, right lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.654A	Open bite of abdominal wall, left lower quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.655A	Open bite of abdominal wall, periumbilic region with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S31.659A	Open bite of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S36.00XA	Unspecified injury of spleen, initial encounter	Diagnosis	ICD-10-CM
S36.020A	Minor contusion of spleen, initial encounter	Diagnosis	ICD-10-CM
S36.021A	Major contusion of spleen, initial encounter	Diagnosis	ICD-10-CM
S36.029A	Unspecified contusion of spleen, initial encounter	Diagnosis	ICD-10-CM
S36.030A	Superficial (capsular) laceration of spleen, initial encounter	Diagnosis	ICD-10-CM
S36.031A	Moderate laceration of spleen, initial encounter	Diagnosis	ICD-10-CM
S36.032A	Major laceration of spleen, initial encounter	Diagnosis	ICD-10-CM
S36.039A	Unspecified laceration of spleen, initial encounter	Diagnosis	ICD-10-CM
S36.09XA	Other injury of spleen, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S36.112A	Contusion of liver, initial encounter	Diagnosis	ICD-10-CM
S36.113A	Laceration of liver, unspecified degree, initial encounter	Diagnosis	ICD-10-CM
S36.114A	Minor laceration of liver, initial encounter	Diagnosis	ICD-10-CM
S36.115A	Moderate laceration of liver, initial encounter	Diagnosis	ICD-10-CM
S36.116A	Major laceration of liver, initial encounter	Diagnosis	ICD-10-CM
S36.118A	Other injury of liver, initial encounter	Diagnosis	ICD-10-CM
S36.119A	Unspecified injury of liver, initial encounter	Diagnosis	ICD-10-CM
S36.122A	Contusion of gallbladder, initial encounter	Diagnosis	ICD-10-CM
S36.123A	Laceration of gallbladder, initial encounter	Diagnosis	ICD-10-CM
S36.128A	Other injury of gallbladder, initial encounter	Diagnosis	ICD-10-CM
S36.129A	Unspecified injury of gallbladder, initial encounter	Diagnosis	ICD-10-CM
S36.13XA	Injury of bile duct, initial encounter	Diagnosis	ICD-10-CM
S36.200A	Unspecified injury of head of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.201A	Unspecified injury of body of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.202A	Unspecified injury of tail of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.209A	Unspecified injury of unspecified part of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.220A	Contusion of head of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.221A	Contusion of body of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.222A	Contusion of tail of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.229A	Contusion of unspecified part of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.230A	Laceration of head of pancreas, unspecified degree, initial encounter	Diagnosis	ICD-10-CM
S36.231A	Laceration of body of pancreas, unspecified degree, initial encounter	Diagnosis	ICD-10-CM
S36.232A	Laceration of tail of pancreas, unspecified degree, initial encounter	Diagnosis	ICD-10-CM
S36.239A	Laceration of unspecified part of pancreas, unspecified degree, initial encounter	Diagnosis	ICD-10-CM
S36.240A	Minor laceration of head of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.241A	Minor laceration of body of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.242A	Minor laceration of tail of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.249A	Minor laceration of unspecified part of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.250A	Moderate laceration of head of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.251A	Moderate laceration of body of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.252A	Moderate laceration of tail of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.259A	Moderate laceration of unspecified part of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.260A	Major laceration of head of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.261A	Major laceration of body of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.262A	Major laceration of tail of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.269A	Major laceration of unspecified part of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.290A	Other injury of head of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.291A	Other injury of body of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.292A	Other injury of tail of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.299A	Other injury of unspecified part of pancreas, initial encounter	Diagnosis	ICD-10-CM
S36.30XA	Unspecified injury of stomach, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S36.32XA	Contusion of stomach, initial encounter	Diagnosis	ICD-10-CM
S36.33XA	Laceration of stomach, initial encounter	Diagnosis	ICD-10-CM
S36.39XA	Other injury of stomach, initial encounter	Diagnosis	ICD-10-CM
S36.400A	Unspecified injury of duodenum, initial encounter	Diagnosis	ICD-10-CM
S36.408A	Unspecified injury of other part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.409A	Unspecified injury of unspecified part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.410A	Primary blast injury of duodenum, initial encounter	Diagnosis	ICD-10-CM
S36.418A	Primary blast injury of other part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.419A	Primary blast injury of unspecified part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.420A	Contusion of duodenum, initial encounter	Diagnosis	ICD-10-CM
S36.428A	Contusion of other part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.429A	Contusion of unspecified part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.430A	Laceration of duodenum, initial encounter	Diagnosis	ICD-10-CM
S36.438A	Laceration of other part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.439A	Laceration of unspecified part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.490A	Other injury of duodenum, initial encounter	Diagnosis	ICD-10-CM
S36.498A	Other injury of other part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.499A	Other injury of unspecified part of small intestine, initial encounter	Diagnosis	ICD-10-CM
S36.500A	Unspecified injury of ascending [right] colon, initial encounter	Diagnosis	ICD-10-CM
S36.501A	Unspecified injury of transverse colon, initial encounter	Diagnosis	ICD-10-CM
S36.502A	Unspecified injury of descending [left] colon, initial encounter	Diagnosis	ICD-10-CM
S36.503A	Unspecified injury of sigmoid colon, initial encounter	Diagnosis	ICD-10-CM
S36.508A	Unspecified injury of other part of colon, initial encounter	Diagnosis	ICD-10-CM
S36.509A	Unspecified injury of unspecified part of colon, initial encounter	Diagnosis	ICD-10-CM
S36.510A	Primary blast injury of ascending [right] colon, initial encounter	Diagnosis	ICD-10-CM
S36.511A	Primary blast injury of transverse colon, initial encounter	Diagnosis	ICD-10-CM
S36.512A	Primary blast injury of descending [left] colon, initial encounter	Diagnosis	ICD-10-CM
S36.513A	Primary blast injury of sigmoid colon, initial encounter	Diagnosis	ICD-10-CM
S36.518A	Primary blast injury of other part of colon, initial encounter	Diagnosis	ICD-10-CM
S36.519A	Primary blast injury of unspecified part of colon, initial encounter	Diagnosis	ICD-10-CM
S36.520A	Contusion of ascending [right] colon, initial encounter	Diagnosis	ICD-10-CM
S36.521A	Contusion of transverse colon, initial encounter	Diagnosis	ICD-10-CM
S36.522A	Contusion of descending [left] colon, initial encounter	Diagnosis	ICD-10-CM
S36.523A	Contusion of sigmoid colon, initial encounter	Diagnosis	ICD-10-CM
S36.528A	Contusion of other part of colon, initial encounter	Diagnosis	ICD-10-CM
S36.529A	Contusion of unspecified part of colon, initial encounter	Diagnosis	ICD-10-CM
S36.530A	Laceration of ascending [right] colon, initial encounter	Diagnosis	ICD-10-CM
S36.531A	Laceration of transverse colon, initial encounter	Diagnosis	ICD-10-CM
S36.532A	Laceration of descending [left] colon, initial encounter	Diagnosis	ICD-10-CM
S36.533A	Laceration of sigmoid colon, initial encounter	Diagnosis	ICD-10-CM
S36.538A	Laceration of other part of colon, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S36.539A	Laceration of unspecified part of colon, initial encounter	Diagnosis	ICD-10-CM
S36.590A	Other injury of ascending [right] colon, initial encounter	Diagnosis	ICD-10-CM
S36.591A	Other injury of transverse colon, initial encounter	Diagnosis	ICD-10-CM
S36.592A	Other injury of descending [left] colon, initial encounter	Diagnosis	ICD-10-CM
S36.593A	Other injury of sigmoid colon, initial encounter	Diagnosis	ICD-10-CM
S36.598A	Other injury of other part of colon, initial encounter	Diagnosis	ICD-10-CM
S36.599A	Other injury of unspecified part of colon, initial encounter	Diagnosis	ICD-10-CM
S36.60XA	Unspecified injury of rectum, initial encounter	Diagnosis	ICD-10-CM
S36.61XA	Primary blast injury of rectum, initial encounter	Diagnosis	ICD-10-CM
S36.62XA	Contusion of rectum, initial encounter	Diagnosis	ICD-10-CM
S36.63XA	Laceration of rectum, initial encounter	Diagnosis	ICD-10-CM
S36.69XA	Other injury of rectum, initial encounter	Diagnosis	ICD-10-CM
S36.81XA	Injury of peritoneum, initial encounter	Diagnosis	ICD-10-CM
S36.892A	Contusion of other intra-abdominal organs, initial encounter	Diagnosis	ICD-10-CM
S36.893A	Laceration of other intra-abdominal organs, initial encounter	Diagnosis	ICD-10-CM
S36.898A	Other injury of other intra-abdominal organs, initial encounter	Diagnosis	ICD-10-CM
S36.899A	Unspecified injury of other intra-abdominal organs, initial encounter	Diagnosis	ICD-10-CM
S36.90XA	Unspecified injury of unspecified intra-abdominal organ, initial encounter	Diagnosis	ICD-10-CM
S36.92XA	Contusion of unspecified intra-abdominal organ, initial encounter	Diagnosis	ICD-10-CM
S36.93XA	Laceration of unspecified intra-abdominal organ, initial encounter	Diagnosis	ICD-10-CM
S36.99XA	Other injury of unspecified intra-abdominal organ, initial encounter	Diagnosis	ICD-10-CM
S37.001A	Unspecified injury of right kidney, initial encounter	Diagnosis	ICD-10-CM
S37.002A	Unspecified injury of left kidney, initial encounter	Diagnosis	ICD-10-CM
S37.009A	Unspecified injury of unspecified kidney, initial encounter	Diagnosis	ICD-10-CM
S37.011A	Minor contusion of right kidney, initial encounter	Diagnosis	ICD-10-CM
S37.012A	Minor contusion of left kidney, initial encounter	Diagnosis	ICD-10-CM
S37.019A	Minor contusion of unspecified kidney, initial encounter	Diagnosis	ICD-10-CM
S37.021A	Major contusion of right kidney, initial encounter	Diagnosis	ICD-10-CM
S37.022A	Major contusion of left kidney, initial encounter	Diagnosis	ICD-10-CM
S37.029A	Major contusion of unspecified kidney, initial encounter	Diagnosis	ICD-10-CM
S37.031A	Laceration of right kidney, unspecified degree, initial encounter	Diagnosis	ICD-10-CM
S37.032A	Laceration of left kidney, unspecified degree, initial encounter	Diagnosis	ICD-10-CM
S37.039A	Laceration of unspecified kidney, unspecified degree, initial encounter	Diagnosis	ICD-10-CM
S37.041A	Minor laceration of right kidney, initial encounter	Diagnosis	ICD-10-CM
S37.042A	Minor laceration of left kidney, initial encounter	Diagnosis	ICD-10-CM
S37.049A	Minor laceration of unspecified kidney, initial encounter	Diagnosis	ICD-10-CM
S37.051A	Moderate laceration of right kidney, initial encounter	Diagnosis	ICD-10-CM
S37.052A	Moderate laceration of left kidney, initial encounter	Diagnosis	ICD-10-CM
S37.059A	Moderate laceration of unspecified kidney, initial encounter	Diagnosis	ICD-10-CM
S37.061A	Major laceration of right kidney, initial encounter	Diagnosis	ICD-10-CM
S37.062A	Major laceration of left kidney, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S37.069A	Major laceration of unspecified kidney, initial encounter	Diagnosis	ICD-10-CM
S37.091A	Other injury of right kidney, initial encounter	Diagnosis	ICD-10-CM
S37.092A	Other injury of left kidney, initial encounter	Diagnosis	ICD-10-CM
S37.099A	Other injury of unspecified kidney, initial encounter	Diagnosis	ICD-10-CM
S37.10XA	Unspecified injury of ureter, initial encounter	Diagnosis	ICD-10-CM
S37.12XA	Contusion of ureter, initial encounter	Diagnosis	ICD-10-CM
S37.13XA	Laceration of ureter, initial encounter	Diagnosis	ICD-10-CM
S37.19XA	Other injury of ureter, initial encounter	Diagnosis	ICD-10-CM
S37.20XA	Unspecified injury of bladder, initial encounter	Diagnosis	ICD-10-CM
S37.22XA	Contusion of bladder, initial encounter	Diagnosis	ICD-10-CM
S37.23XA	Laceration of bladder, initial encounter	Diagnosis	ICD-10-CM
S37.29XA	Other injury of bladder, initial encounter	Diagnosis	ICD-10-CM
S37.30XA	Unspecified injury of urethra, initial encounter	Diagnosis	ICD-10-CM
S37.32XA	Contusion of urethra, initial encounter	Diagnosis	ICD-10-CM
S37.33XA	Laceration of urethra, initial encounter	Diagnosis	ICD-10-CM
S37.39XA	Other injury of urethra, initial encounter	Diagnosis	ICD-10-CM
S37.401A	Unspecified injury of ovary, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.402A	Unspecified injury of ovary, bilateral, initial encounter	Diagnosis	ICD-10-CM
S37.409A	Unspecified injury of ovary, unspecified, initial encounter	Diagnosis	ICD-10-CM
S37.421A	Contusion of ovary, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.422A	Contusion of ovary, bilateral, initial encounter	Diagnosis	ICD-10-CM
S37.429A	Contusion of ovary, unspecified, initial encounter	Diagnosis	ICD-10-CM
S37.431A	Laceration of ovary, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.432A	Laceration of ovary, bilateral, initial encounter	Diagnosis	ICD-10-CM
S37.439A	Laceration of ovary, unspecified, initial encounter	Diagnosis	ICD-10-CM
S37.491A	Other injury of ovary, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.492A	Other injury of ovary, bilateral, initial encounter	Diagnosis	ICD-10-CM
S37.499A	Other injury of ovary, unspecified, initial encounter	Diagnosis	ICD-10-CM
S37.501A	Unspecified injury of fallopian tube, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.502A	Unspecified injury of fallopian tube, bilateral, initial encounter	Diagnosis	ICD-10-CM
S37.509A	Unspecified injury of fallopian tube, unspecified, initial encounter	Diagnosis	ICD-10-CM
S37.511A	Primary blast injury of fallopian tube, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.512A	Primary blast injury of fallopian tube, bilateral, initial encounter	Diagnosis	ICD-10-CM
S37.519A	Primary blast injury of fallopian tube, unspecified, initial encounter	Diagnosis	ICD-10-CM
S37.521A	Contusion of fallopian tube, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.522A	Contusion of fallopian tube, bilateral, initial encounter	Diagnosis	ICD-10-CM
S37.529A	Contusion of fallopian tube, unspecified, initial encounter	Diagnosis	ICD-10-CM
S37.531A	Laceration of fallopian tube, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.532A	Laceration of fallopian tube, bilateral, initial encounter	Diagnosis	ICD-10-CM
S37.539A	Laceration of fallopian tube, unspecified, initial encounter	Diagnosis	ICD-10-CM
S37.591A	Other injury of fallopian tube, unilateral, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
S37.592A	Other injury of fallopian tube, bilateral, initial encounter	Diagnosis	ICD-10-CM
S37.599A	Other injury of fallopian tube, unspecified, initial encounter	Diagnosis	ICD-10-CM
S37.60XA	Unspecified injury of uterus, initial encounter	Diagnosis	ICD-10-CM
S37.62XA	Contusion of uterus, initial encounter	Diagnosis	ICD-10-CM
S37.63XA	Laceration of uterus, initial encounter	Diagnosis	ICD-10-CM
S37.69XA	Other injury of uterus, initial encounter	Diagnosis	ICD-10-CM
S37.812A	Contusion of adrenal gland, initial encounter	Diagnosis	ICD-10-CM
S37.813A	Laceration of adrenal gland, initial encounter	Diagnosis	ICD-10-CM
S37.818A	Other injury of adrenal gland, initial encounter	Diagnosis	ICD-10-CM
S37.819A	Unspecified injury of adrenal gland, initial encounter	Diagnosis	ICD-10-CM
S37.822A	Contusion of prostate, initial encounter	Diagnosis	ICD-10-CM
S37.823A	Laceration of prostate, initial encounter	Diagnosis	ICD-10-CM
S37.828A	Other injury of prostate, initial encounter	Diagnosis	ICD-10-CM
S37.829A	Unspecified injury of prostate, initial encounter	Diagnosis	ICD-10-CM
S37.892A	Contusion of other urinary and pelvic organ, initial encounter	Diagnosis	ICD-10-CM
S37.893A	Laceration of other urinary and pelvic organ, initial encounter	Diagnosis	ICD-10-CM
S37.898A	Other injury of other urinary and pelvic organ, initial encounter	Diagnosis	ICD-10-CM
S37.899A	Unspecified injury of other urinary and pelvic organ, initial encounter	Diagnosis	ICD-10-CM
S37.90XA	Unspecified injury of unspecified urinary and pelvic organ, initial encounter	Diagnosis	ICD-10-CM
S37.92XA	Contusion of unspecified urinary and pelvic organ, initial encounter	Diagnosis	ICD-10-CM
S37.93XA	Laceration of unspecified urinary and pelvic organ, initial encounter	Diagnosis	ICD-10-CM
S37.99XA	Other injury of unspecified urinary and pelvic organ, initial encounter	Diagnosis	ICD-10-CM
Crushing Injury			
925	Crushing injury of face, scalp, and neck	Diagnosis	ICD-9-CM
925.1	Crushing injury of face and scalp	Diagnosis	ICD-9-CM
925.2	Crushing injury of neck	Diagnosis	ICD-9-CM
926	Crushing injury of trunk	Diagnosis	ICD-9-CM
926.0	Crushing injury of external genitalia	Diagnosis	ICD-9-CM
926.1	Crushing injury of other specified sites of trunk	Diagnosis	ICD-9-CM
926.11	Crushing injury of back	Diagnosis	ICD-9-CM
926.12	Crushing injury of buttock	Diagnosis	ICD-9-CM
926.19	Crushing injury of other specified sites of trunk	Diagnosis	ICD-9-CM
926.8	Crushing injury of multiple sites of trunk	Diagnosis	ICD-9-CM
926.9	Crushing injury of unspecified site of trunk	Diagnosis	ICD-9-CM
927	Crushing injury of upper limb	Diagnosis	ICD-9-CM
927.0	Crushing injury of shoulder and upper arm	Diagnosis	ICD-9-CM
927.00	Crushing injury of shoulder region	Diagnosis	ICD-9-CM
927.01	Crushing injury of scapular region	Diagnosis	ICD-9-CM
927.02	Crushing injury of axillary region	Diagnosis	ICD-9-CM
927.03	Crushing injury of upper arm	Diagnosis	ICD-9-CM
927.09	Crushing injury of multiple sites of upper arm	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
927.1	Crushing injury of elbow and forearm	Diagnosis	ICD-9-CM
927.10	Crushing injury of forearm	Diagnosis	ICD-9-CM
927.11	Crushing injury of elbow	Diagnosis	ICD-9-CM
927.2	Crushing injury of wrist and hand(s), except finger(s) alone	Diagnosis	ICD-9-CM
927.20	Crushing injury of hand(s)	Diagnosis	ICD-9-CM
927.21	Crushing injury of wrist	Diagnosis	ICD-9-CM
927.3	Crushing injury of finger(s)	Diagnosis	ICD-9-CM
927.8	Crushing injury of multiple sites of upper limb	Diagnosis	ICD-9-CM
927.9	Crushing injury of unspecified site of upper limb	Diagnosis	ICD-9-CM
928	Crushing injury of lower limb	Diagnosis	ICD-9-CM
928.0	Crushing injury of hip and thigh	Diagnosis	ICD-9-CM
928.00	Crushing injury of thigh	Diagnosis	ICD-9-CM
928.01	Crushing injury of hip	Diagnosis	ICD-9-CM
928.1	Crushing injury of knee and lower leg	Diagnosis	ICD-9-CM
928.10	Crushing injury of lower leg	Diagnosis	ICD-9-CM
928.11	Crushing injury of knee	Diagnosis	ICD-9-CM
928.2	Crushing injury of ankle and foot, excluding toe(s) alone	Diagnosis	ICD-9-CM
928.20	Crushing injury of foot	Diagnosis	ICD-9-CM
928.21	Crushing injury of ankle	Diagnosis	ICD-9-CM
928.3	Crushing injury of toe(s)	Diagnosis	ICD-9-CM
928.8	Crushing injury of multiple sites of lower limb	Diagnosis	ICD-9-CM
928.9	Crushing injury of unspecified site of lower limb	Diagnosis	ICD-9-CM
929	Crushing injury of multiple and unspecified sites	Diagnosis	ICD-9-CM
929.0	Crushing injury of multiple sites, not elsewhere classified	Diagnosis	ICD-9-CM
929.9	Crushing injury of unspecified site	Diagnosis	ICD-9-CM
S07.0XXA	Crushing injury of face, initial encounter	Diagnosis	ICD-10-CM
S07.1XXA	Crushing injury of skull, initial encounter	Diagnosis	ICD-10-CM
S07.8XXA	Crushing injury of other parts of head, initial encounter	Diagnosis	ICD-10-CM
S07.9XXA	Crushing injury of head, part unspecified, initial encounter	Diagnosis	ICD-10-CM
S17.0XXA	Crushing injury of larynx and trachea, initial encounter	Diagnosis	ICD-10-CM
S17.8XXA	Crushing injury of other specified parts of neck, initial encounter	Diagnosis	ICD-10-CM
S17.9XXA	Crushing injury of neck, part unspecified, initial encounter	Diagnosis	ICD-10-CM
S28.0XXA	Crushed chest, initial encounter	Diagnosis	ICD-10-CM
S38.001A	Crushing injury of unspecified external genital organs, male, initial encounter	Diagnosis	ICD-10-CM
S38.002A	Crushing injury of unspecified external genital organs, female, initial encounter	Diagnosis	ICD-10-CM
S38.01XA	Crushing injury of penis, initial encounter	Diagnosis	ICD-10-CM
S38.02XA	Crushing injury of scrotum and testis, initial encounter	Diagnosis	ICD-10-CM
S38.03XA	Crushing injury of vulva, initial encounter	Diagnosis	ICD-10-CM
S38.1XXA	Crushing injury of abdomen, lower back, and pelvis, initial encounter	Diagnosis	ICD-10-CM
S47.1XXA	Crushing injury of right shoulder and upper arm, initial encounter	Diagnosis	ICD-10-CM
S47.2XXA	Crushing injury of left shoulder and upper arm, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
S47.9XXA	Crushing injury of shoulder and upper arm, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S57.00XA	Crushing injury of unspecified elbow, initial encounter	Diagnosis	ICD-10-CM
S57.01XA	Crushing injury of right elbow, initial encounter	Diagnosis	ICD-10-CM
S57.02XA	Crushing injury of left elbow, initial encounter	Diagnosis	ICD-10-CM
S57.80XA	Crushing injury of unspecified forearm, initial encounter	Diagnosis	ICD-10-CM
S57.81XA	Crushing injury of right forearm, initial encounter	Diagnosis	ICD-10-CM
S57.82XA	Crushing injury of left forearm, initial encounter	Diagnosis	ICD-10-CM
S67.00XA	Crushing injury of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S67.01XA	Crushing injury of right thumb, initial encounter	Diagnosis	ICD-10-CM
S67.02XA	Crushing injury of left thumb, initial encounter	Diagnosis	ICD-10-CM
S67.10XA	Crushing injury of unspecified finger(s), initial encounter	Diagnosis	ICD-10-CM
S67.190A	Crushing injury of right index finger, initial encounter	Diagnosis	ICD-10-CM
S67.191A	Crushing injury of left index finger, initial encounter	Diagnosis	ICD-10-CM
S67.192A	Crushing injury of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S67.193A	Crushing injury of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S67.194A	Crushing injury of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S67.195A	Crushing injury of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S67.196A	Crushing injury of right little finger, initial encounter	Diagnosis	ICD-10-CM
S67.197A	Crushing injury of left little finger, initial encounter	Diagnosis	ICD-10-CM
S67.198A	Crushing injury of other finger, initial encounter	Diagnosis	ICD-10-CM
S67.20XA	Crushing injury of unspecified hand, initial encounter	Diagnosis	ICD-10-CM
S67.21XA	Crushing injury of right hand, initial encounter	Diagnosis	ICD-10-CM
S67.22XA	Crushing injury of left hand, initial encounter	Diagnosis	ICD-10-CM
S67.30XA	Crushing injury of unspecified wrist, initial encounter	Diagnosis	ICD-10-CM
S67.31XA	Crushing injury of right wrist, initial encounter	Diagnosis	ICD-10-CM
S67.32XA	Crushing injury of left wrist, initial encounter	Diagnosis	ICD-10-CM
S67.40XA	Crushing injury of unspecified wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S67.41XA	Crushing injury of right wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S67.42XA	Crushing injury of left wrist and hand, initial encounter	Diagnosis	ICD-10-CM
S67.90XA	Crushing injury of unspecified part(s) of unspecified wrist, hand and fingers, initial encounter	Diagnosis	ICD-10-CM
S67.91XA	Crushing injury of unspecified part(s) of right wrist, hand and fingers, initial encounter	Diagnosis	ICD-10-CM
S67.92XA	Crushing injury of unspecified part(s) of left wrist, hand and fingers, initial encounter	Diagnosis	ICD-10-CM
S77.00XA	Crushing injury of unspecified hip, initial encounter	Diagnosis	ICD-10-CM
S77.01XA	Crushing injury of right hip, initial encounter	Diagnosis	ICD-10-CM
S77.02XA	Crushing injury of left hip, initial encounter	Diagnosis	ICD-10-CM
S77.10XA	Crushing injury of unspecified thigh, initial encounter	Diagnosis	ICD-10-CM
S77.11XA	Crushing injury of right thigh, initial encounter	Diagnosis	ICD-10-CM
S77.12XA	Crushing injury of left thigh, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
S77.20XA	Crushing injury of unspecified hip with thigh, initial encounter	Diagnosis	ICD-10-CM
S77.21XA	Crushing injury of right hip with thigh, initial encounter	Diagnosis	ICD-10-CM
S77.22XA	Crushing injury of left hip with thigh, initial encounter	Diagnosis	ICD-10-CM
S87.00XA	Crushing injury of unspecified knee, initial encounter	Diagnosis	ICD-10-CM
S87.01XA	Crushing injury of right knee, initial encounter	Diagnosis	ICD-10-CM
S87.02XA	Crushing injury of left knee, initial encounter	Diagnosis	ICD-10-CM
S87.80XA	Crushing injury of unspecified lower leg, initial encounter	Diagnosis	ICD-10-CM
S87.81XA	Crushing injury of right lower leg, initial encounter	Diagnosis	ICD-10-CM
S87.82XA	Crushing injury of left lower leg, initial encounter	Diagnosis	ICD-10-CM
S97.00XA	Crushing injury of unspecified ankle, initial encounter	Diagnosis	ICD-10-CM
S97.01XA	Crushing injury of right ankle, initial encounter	Diagnosis	ICD-10-CM
S97.02XA	Crushing injury of left ankle, initial encounter	Diagnosis	ICD-10-CM
S97.101A	Crushing injury of unspecified right toe(s), initial encounter	Diagnosis	ICD-10-CM
S97.102A	Crushing injury of unspecified left toe(s), initial encounter	Diagnosis	ICD-10-CM
S97.109A	Crushing injury of unspecified toe(s), initial encounter	Diagnosis	ICD-10-CM
S97.111A	Crushing injury of right great toe, initial encounter	Diagnosis	ICD-10-CM
S97.112A	Crushing injury of left great toe, initial encounter	Diagnosis	ICD-10-CM
S97.119A	Crushing injury of unspecified great toe, initial encounter	Diagnosis	ICD-10-CM
S97.121A	Crushing injury of right lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S97.122A	Crushing injury of left lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S97.129A	Crushing injury of unspecified lesser toe(s), initial encounter	Diagnosis	ICD-10-CM
S97.80XA	Crushing injury of unspecified foot, initial encounter	Diagnosis	ICD-10-CM
S97.81XA	Crushing injury of right foot, initial encounter	Diagnosis	ICD-10-CM
S97.82XA	Crushing injury of left foot, initial encounter	Diagnosis	ICD-10-CM
Injury to Nerves/Spinal Cord			
950	Injury to optic nerve and pathways	Diagnosis	ICD-9-CM
950.0	Optic nerve injury	Diagnosis	ICD-9-CM
950.1	Injury to optic chiasm	Diagnosis	ICD-9-CM
950.2	Injury to optic pathways	Diagnosis	ICD-9-CM
950.3	Injury to visual cortex	Diagnosis	ICD-9-CM
950.9	Injury to unspecified optic nerve and pathways	Diagnosis	ICD-9-CM
951	Injury to other cranial nerve(s)	Diagnosis	ICD-9-CM
951.0	Injury to oculomotor nerve	Diagnosis	ICD-9-CM
951.1	Injury to trochlear nerve	Diagnosis	ICD-9-CM
951.2	Injury to trigeminal nerve	Diagnosis	ICD-9-CM
951.3	Injury to abducens nerve	Diagnosis	ICD-9-CM
951.4	Injury to facial nerve	Diagnosis	ICD-9-CM
951.5	Injury to acoustic nerve	Diagnosis	ICD-9-CM
951.6	Injury to accessory nerve	Diagnosis	ICD-9-CM
951.7	Injury to hypoglossal nerve	Diagnosis	ICD-9-CM
951.8	Injury to other specified cranial nerves	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
951.9	Injury to unspecified cranial nerve	Diagnosis	ICD-9-CM
952	Spinal cord injury without evidence of spinal bone injury	Diagnosis	ICD-9-CM
952.0	Cervical spinal cord injury without evidence of spinal bone injury	Diagnosis	ICD-9-CM
952.00	C1-C4 level spinal cord injury, unspecified	Diagnosis	ICD-9-CM
952.01	C1-C4 level with complete lesion of spinal cord	Diagnosis	ICD-9-CM
952.02	C1-C4 level with anterior cord syndrome	Diagnosis	ICD-9-CM
952.03	C1-C4 level with central cord syndrome	Diagnosis	ICD-9-CM
952.04	C1-C4 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
952.05	C5-C7 level spinal cord injury, unspecified	Diagnosis	ICD-9-CM
952.06	C5-C7 level with complete lesion of spinal cord	Diagnosis	ICD-9-CM
952.07	C5-C7 level with anterior cord syndrome	Diagnosis	ICD-9-CM
952.08	C5-C7 level with central cord syndrome	Diagnosis	ICD-9-CM
952.09	C5-C7 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
952.1	Dorsal (thoracic) spinal cord injury without evidence of spinal bone injury	Diagnosis	ICD-9-CM
952.10	T1-T6 level spinal cord injury, unspecified	Diagnosis	ICD-9-CM
952.11	T1-T6 level with complete lesion of spinal cord	Diagnosis	ICD-9-CM
952.12	T1-T6 level with anterior cord syndrome	Diagnosis	ICD-9-CM
952.13	T1-T6 level with central cord syndrome	Diagnosis	ICD-9-CM
952.14	T1-T6 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
952.15	T7-T12 level spinal cord injury, unspecified	Diagnosis	ICD-9-CM
952.16	T7-T12 level with complete lesion of spinal cord	Diagnosis	ICD-9-CM
952.17	T7-T12 level with anterior cord syndrome	Diagnosis	ICD-9-CM
952.18	T7-T12 level with central cord syndrome	Diagnosis	ICD-9-CM
952.19	T7-T12 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
952.2	Lumbar spinal cord injury without spinal bone injury	Diagnosis	ICD-9-CM
952.3	Sacral spinal cord injury without spinal bone injury	Diagnosis	ICD-9-CM
952.4	Cauda equina spinal cord injury without spinal bone injury	Diagnosis	ICD-9-CM
952.8	Multiple sites of spinal cord injury without spinal bone injury	Diagnosis	ICD-9-CM
952.9	Unspecified site of spinal cord injury without spinal bone injury	Diagnosis	ICD-9-CM
953	Injury to nerve roots and spinal plexus	Diagnosis	ICD-9-CM
953.0	Injury to cervical nerve root	Diagnosis	ICD-9-CM
953.1	Injury to dorsal nerve root	Diagnosis	ICD-9-CM
953.2	Injury to lumbar nerve root	Diagnosis	ICD-9-CM
953.3	Injury to sacral nerve root	Diagnosis	ICD-9-CM
953.4	Injury to brachial plexus	Diagnosis	ICD-9-CM
953.5	Injury to lumbosacral plexus	Diagnosis	ICD-9-CM
953.8	Injury to multiple sites of nerve roots and spinal plexus	Diagnosis	ICD-9-CM
953.9	Injury to unspecified site of nerve roots and spinal plexus	Diagnosis	ICD-9-CM
954	Injury to other nerve(s) of trunk, excluding shoulder and pelvic girdles	Diagnosis	ICD-9-CM
954.0	Injury to cervical sympathetic nerve, excluding shoulder and pelvic girdles	Diagnosis	ICD-9-CM
954.1	Injury to other sympathetic nerve, excluding shoulder and pelvic girdles	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
954.8	Injury to other specified nerve(s) of trunk, excluding shoulder and pelvic girdles	Diagnosis	ICD-9-CM
954.9	Injury to unspecified nerve of trunk, excluding shoulder and pelvic girdles	Diagnosis	ICD-9-CM
955	Injury to peripheral nerve(s) of shoulder girdle and upper limb	Diagnosis	ICD-9-CM
955.0	Injury to axillary nerve	Diagnosis	ICD-9-CM
955.1	Injury to median nerve	Diagnosis	ICD-9-CM
955.2	Injury to ulnar nerve	Diagnosis	ICD-9-CM
955.3	Injury to radial nerve	Diagnosis	ICD-9-CM
955.4	Injury to musculocutaneous nerve	Diagnosis	ICD-9-CM
955.5	Injury to cutaneous sensory nerve, upper limb	Diagnosis	ICD-9-CM
955.6	Injury to digital nerve, upper limb	Diagnosis	ICD-9-CM
955.7	Injury to other specified nerve(s) of shoulder girdle and upper limb	Diagnosis	ICD-9-CM
955.8	Injury to multiple nerves of shoulder girdle and upper limb	Diagnosis	ICD-9-CM
955.9	Injury to unspecified nerve of shoulder girdle and upper limb	Diagnosis	ICD-9-CM
956	Injury to peripheral nerve(s) of pelvic girdle and lower limb	Diagnosis	ICD-9-CM
956.0	Injury to sciatic nerve	Diagnosis	ICD-9-CM
956.1	Injury to femoral nerve	Diagnosis	ICD-9-CM
956.2	Injury to posterior tibial nerve	Diagnosis	ICD-9-CM
956.3	Injury to peroneal nerve	Diagnosis	ICD-9-CM
956.4	Injury to cutaneous sensory nerve, lower limb	Diagnosis	ICD-9-CM
956.5	Injury to other specified nerve(s) of pelvic girdle and lower limb	Diagnosis	ICD-9-CM
956.8	Injury to multiple nerves of pelvic girdle and lower limb	Diagnosis	ICD-9-CM
956.9	Injury to unspecified nerve of pelvic girdle and lower limb	Diagnosis	ICD-9-CM
957	Injury to other and unspecified nerves	Diagnosis	ICD-9-CM
957.0	Injury to superficial nerves of head and neck	Diagnosis	ICD-9-CM
957.1	Injury to other specified nerve(s)	Diagnosis	ICD-9-CM
957.8	Injury to multiple nerves in several parts	Diagnosis	ICD-9-CM
957.9	Injury to nerves, unspecified site	Diagnosis	ICD-9-CM
S04.011A	Injury of optic nerve, right eye, initial encounter	Diagnosis	ICD-10-CM
S04.012A	Injury of optic nerve, left eye, initial encounter	Diagnosis	ICD-10-CM
S04.019A	Injury of optic nerve, unspecified eye, initial encounter	Diagnosis	ICD-10-CM
S04.02XA	Injury of optic chiasm, initial encounter	Diagnosis	ICD-10-CM
S04.031A	Injury of optic tract and pathways, right side, initial encounter	Diagnosis	ICD-10-CM
S04.032A	Injury of optic tract and pathways, left side, initial encounter	Diagnosis	ICD-10-CM
S04.039A	Injury of optic tract and pathways, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.041A	Injury of visual cortex, right side, initial encounter	Diagnosis	ICD-10-CM
S04.042A	Injury of visual cortex, left side, initial encounter	Diagnosis	ICD-10-CM
S04.049A	Injury of visual cortex, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.10XA	Injury of oculomotor nerve, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.11XA	Injury of oculomotor nerve, right side, initial encounter	Diagnosis	ICD-10-CM
S04.12XA	Injury of oculomotor nerve, left side, initial encounter	Diagnosis	ICD-10-CM
S04.20XA	Injury of trochlear nerve, unspecified side, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
S04.21XA	Injury of trochlear nerve, right side, initial encounter	Diagnosis	ICD-10-CM
S04.22XA	Injury of trochlear nerve, left side, initial encounter	Diagnosis	ICD-10-CM
S04.30XA	Injury of trigeminal nerve, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.31XA	Injury of trigeminal nerve, right side, initial encounter	Diagnosis	ICD-10-CM
S04.32XA	Injury of trigeminal nerve, left side, initial encounter	Diagnosis	ICD-10-CM
S04.40XA	Injury of abducent nerve, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.41XA	Injury of abducent nerve, right side, initial encounter	Diagnosis	ICD-10-CM
S04.42XA	Injury of abducent nerve, left side, initial encounter	Diagnosis	ICD-10-CM
S04.50XA	Injury of facial nerve, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.51XA	Injury of facial nerve, right side, initial encounter	Diagnosis	ICD-10-CM
S04.52XA	Injury of facial nerve, left side, initial encounter	Diagnosis	ICD-10-CM
S04.60XA	Injury of acoustic nerve, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.61XA	Injury of acoustic nerve, right side, initial encounter	Diagnosis	ICD-10-CM
S04.62XA	Injury of acoustic nerve, left side, initial encounter	Diagnosis	ICD-10-CM
S04.70XA	Injury of accessory nerve, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.71XA	Injury of accessory nerve, right side, initial encounter	Diagnosis	ICD-10-CM
S04.72XA	Injury of accessory nerve, left side, initial encounter	Diagnosis	ICD-10-CM
S04.811A	Injury of olfactory [1st] nerve, right side, initial encounter	Diagnosis	ICD-10-CM
S04.812A	Injury of olfactory [1st] nerve, left side, initial encounter	Diagnosis	ICD-10-CM
S04.819A	Injury of olfactory [1st] nerve, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.891A	Injury of other cranial nerves, right side, initial encounter	Diagnosis	ICD-10-CM
S04.892A	Injury of other cranial nerves, left side, initial encounter	Diagnosis	ICD-10-CM
S04.899A	Injury of other cranial nerves, unspecified side, initial encounter	Diagnosis	ICD-10-CM
S04.9XXA	Injury of unspecified cranial nerve, initial encounter	Diagnosis	ICD-10-CM
S14.0XXA	Concussion and edema of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.101A	Unspecified injury at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.102A	Unspecified injury at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.103A	Unspecified injury at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.104A	Unspecified injury at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.105A	Unspecified injury at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.106A	Unspecified injury at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.107A	Unspecified injury at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.108A	Unspecified injury at C8 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.109A	Unspecified injury at unspecified level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.111A	Complete lesion at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.112A	Complete lesion at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.113A	Complete lesion at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.114A	Complete lesion at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.115A	Complete lesion at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.116A	Complete lesion at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.117A	Complete lesion at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S14.118A	Complete lesion at C8 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.119A	Complete lesion at unspecified level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.121A	Central cord syndrome at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.122A	Central cord syndrome at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.123A	Central cord syndrome at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.124A	Central cord syndrome at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.125A	Central cord syndrome at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.126A	Central cord syndrome at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.127A	Central cord syndrome at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.128A	Central cord syndrome at C8 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.129A	Central cord syndrome at unspecified level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.131A	Anterior cord syndrome at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.132A	Anterior cord syndrome at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.133A	Anterior cord syndrome at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.134A	Anterior cord syndrome at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.135A	Anterior cord syndrome at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.136A	Anterior cord syndrome at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.137A	Anterior cord syndrome at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.138A	Anterior cord syndrome at C8 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.139A	Anterior cord syndrome at unspecified level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.141A	Brown-Sequard syndrome at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.142A	Brown-Sequard syndrome at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.143A	Brown-Sequard syndrome at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.144A	Brown-Sequard syndrome at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.145A	Brown-Sequard syndrome at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.146A	Brown-Sequard syndrome at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.147A	Brown-Sequard syndrome at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.148A	Brown-Sequard syndrome at C8 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.149A	Brown-Sequard syndrome at unspecified level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.151A	Other incomplete lesion at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.152A	Other incomplete lesion at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.153A	Other incomplete lesion at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.154A	Other incomplete lesion at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.155A	Other incomplete lesion at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.156A	Other incomplete lesion at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.157A	Other incomplete lesion at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.158A	Other incomplete lesion at C8 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S14.159A	Other incomplete lesion at unspecified level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.2XXA	Injury of nerve root of cervical spine, initial encounter	Diagnosis	ICD-10-CM
S14.3XXA	Injury of brachial plexus, initial encounter	Diagnosis	ICD-10-CM
S14.4XXA	Injury of peripheral nerves of neck, initial encounter	Diagnosis	ICD-10-CM
S14.5XXA	Injury of cervical sympathetic nerves, initial encounter	Diagnosis	ICD-10-CM
S14.8XXA	Injury of other specified nerves of neck, initial encounter	Diagnosis	ICD-10-CM
S14.9XXA	Injury of unspecified nerves of neck, initial encounter	Diagnosis	ICD-10-CM
S24.0XXA	Concussion and edema of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.101A	Unspecified injury at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.102A	Unspecified injury at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.103A	Unspecified injury at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.104A	Unspecified injury at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.109A	Unspecified injury at unspecified level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.111A	Complete lesion at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.112A	Complete lesion at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.113A	Complete lesion at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.114A	Complete lesion at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.119A	Complete lesion at unspecified level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.131A	Anterior cord syndrome at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.132A	Anterior cord syndrome at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.133A	Anterior cord syndrome at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.134A	Anterior cord syndrome at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.139A	Anterior cord syndrome at unspecified level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.141A	Brown-Sequard syndrome at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.142A	Brown-Sequard syndrome at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.143A	Brown-Sequard syndrome at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.144A	Brown-Sequard syndrome at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.149A	Brown-Sequard syndrome at unspecified level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.151A	Other incomplete lesion at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.152A	Other incomplete lesion at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.153A	Other incomplete lesion at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.154A	Other incomplete lesion at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S24.159A	Other incomplete lesion at unspecified level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.2XXA	Injury of nerve root of thoracic spine, initial encounter	Diagnosis	ICD-10-CM
S24.3XXA	Injury of peripheral nerves of thorax, initial encounter	Diagnosis	ICD-10-CM
S24.4XXA	Injury of thoracic sympathetic nervous system, initial encounter	Diagnosis	ICD-10-CM
S24.8XXA	Injury of other specified nerves of thorax, initial encounter	Diagnosis	ICD-10-CM
S24.9XXA	Injury of unspecified nerve of thorax, initial encounter	Diagnosis	ICD-10-CM
S34.01XA	Concussion and edema of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.02XA	Concussion and edema of sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.101A	Unspecified injury to L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.102A	Unspecified injury to L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.103A	Unspecified injury to L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.104A	Unspecified injury to L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.105A	Unspecified injury to L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.109A	Unspecified injury to unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.111A	Complete lesion of L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.112A	Complete lesion of L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.113A	Complete lesion of L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.114A	Complete lesion of L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.115A	Complete lesion of L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.119A	Complete lesion of unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.121A	Incomplete lesion of L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.122A	Incomplete lesion of L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.123A	Incomplete lesion of L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.124A	Incomplete lesion of L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.125A	Incomplete lesion of L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.129A	Incomplete lesion of unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.131A	Complete lesion of sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.132A	Incomplete lesion of sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.139A	Unspecified injury to sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.21XA	Injury of nerve root of lumbar spine, initial encounter	Diagnosis	ICD-10-CM
S34.22XA	Injury of nerve root of sacral spine, initial encounter	Diagnosis	ICD-10-CM
S34.3XXA	Injury of cauda equina, initial encounter	Diagnosis	ICD-10-CM
S34.4XXA	Injury of lumbosacral plexus, initial encounter	Diagnosis	ICD-10-CM
S34.5XXA	Injury of lumbar, sacral and pelvic sympathetic nerves, initial encounter	Diagnosis	ICD-10-CM
S34.6XXA	Injury of peripheral nerve(s) at abdomen, lower back and pelvis level, initial encounter	Diagnosis	ICD-10-CM
S34.8XXA	Injury of other nerves at abdomen, lower back and pelvis level, initial encounter	Diagnosis	ICD-10-CM
S34.9XXA	Injury of unspecified nerves at abdomen, lower back and pelvis level, initial encounter	Diagnosis	ICD-10-CM
S44.00XA	Injury of ulnar nerve at upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S44.01XA	Injury of ulnar nerve at upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S44.02XA	Injury of ulnar nerve at upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S44.10XA	Injury of median nerve at upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S44.11XA	Injury of median nerve at upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S44.12XA	Injury of median nerve at upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S44.20XA	Injury of radial nerve at upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S44.21XA	Injury of radial nerve at upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S44.22XA	Injury of radial nerve at upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S44.30XA	Injury of axillary nerve, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S44.31XA	Injury of axillary nerve, right arm, initial encounter	Diagnosis	ICD-10-CM
S44.32XA	Injury of axillary nerve, left arm, initial encounter	Diagnosis	ICD-10-CM
S44.40XA	Injury of musculocutaneous nerve, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S44.41XA	Injury of musculocutaneous nerve, right arm, initial encounter	Diagnosis	ICD-10-CM
S44.42XA	Injury of musculocutaneous nerve, left arm, initial encounter	Diagnosis	ICD-10-CM
S44.50XA	Injury of cutaneous sensory nerve at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S44.51XA	Injury of cutaneous sensory nerve at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S44.52XA	Injury of cutaneous sensory nerve at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S44.8X1A	Injury of other nerves at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S44.8X2A	Injury of other nerves at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S44.8X9A	Injury of other nerves at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S44.90XA	Injury of unspecified nerve at shoulder and upper arm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S44.91XA	Injury of unspecified nerve at shoulder and upper arm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S44.92XA	Injury of unspecified nerve at shoulder and upper arm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S54.00XA	Injury of ulnar nerve at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S54.01XA	Injury of ulnar nerve at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S54.02XA	Injury of ulnar nerve at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S54.10XA	Injury of median nerve at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S54.11XA	Injury of median nerve at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S54.12XA	Injury of median nerve at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S54.20XA	Injury of radial nerve at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S54.21XA	Injury of radial nerve at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S54.22XA	Injury of radial nerve at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S54.30XA	Injury of cutaneous sensory nerve at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S54.31XA	Injury of cutaneous sensory nerve at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S54.32XA	Injury of cutaneous sensory nerve at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S54.8X1A	Injury of other nerves at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S54.8X2A	Injury of other nerves at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S54.8X9A	Injury of other nerves at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S54.90XA	Injury of unspecified nerve at forearm level, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S54.91XA	Injury of unspecified nerve at forearm level, right arm, initial encounter	Diagnosis	ICD-10-CM
S54.92XA	Injury of unspecified nerve at forearm level, left arm, initial encounter	Diagnosis	ICD-10-CM
S64.00XA	Injury of ulnar nerve at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S64.01XA	Injury of ulnar nerve at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S64.02XA	Injury of ulnar nerve at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S64.10XA	Injury of median nerve at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S64.11XA	Injury of median nerve at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S64.12XA	Injury of median nerve at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S64.20XA	Injury of radial nerve at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S64.21XA	Injury of radial nerve at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S64.22XA	Injury of radial nerve at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S64.30XA	Injury of digital nerve of unspecified thumb, initial encounter	Diagnosis	ICD-10-CM
S64.31XA	Injury of digital nerve of right thumb, initial encounter	Diagnosis	ICD-10-CM
S64.32XA	Injury of digital nerve of left thumb, initial encounter	Diagnosis	ICD-10-CM
S64.40XA	Injury of digital nerve of unspecified finger, initial encounter	Diagnosis	ICD-10-CM
S64.490A	Injury of digital nerve of right index finger, initial encounter	Diagnosis	ICD-10-CM
S64.491A	Injury of digital nerve of left index finger, initial encounter	Diagnosis	ICD-10-CM
S64.492A	Injury of digital nerve of right middle finger, initial encounter	Diagnosis	ICD-10-CM
S64.493A	Injury of digital nerve of left middle finger, initial encounter	Diagnosis	ICD-10-CM
S64.494A	Injury of digital nerve of right ring finger, initial encounter	Diagnosis	ICD-10-CM
S64.495A	Injury of digital nerve of left ring finger, initial encounter	Diagnosis	ICD-10-CM
S64.496A	Injury of digital nerve of right little finger, initial encounter	Diagnosis	ICD-10-CM
S64.497A	Injury of digital nerve of left little finger, initial encounter	Diagnosis	ICD-10-CM
S64.498A	Injury of digital nerve of other finger, initial encounter	Diagnosis	ICD-10-CM
S64.8X1A	Injury of other nerves at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S64.8X2A	Injury of other nerves at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S64.8X9A	Injury of other nerves at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM
S64.90XA	Injury of unspecified nerve at wrist and hand level of unspecified arm, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
S64.91XA	Injury of unspecified nerve at wrist and hand level of right arm, initial encounter	Diagnosis	ICD-10-CM
S64.92XA	Injury of unspecified nerve at wrist and hand level of left arm, initial encounter	Diagnosis	ICD-10-CM
S74.00XA	Injury of sciatic nerve at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S74.01XA	Injury of sciatic nerve at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S74.02XA	Injury of sciatic nerve at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S74.10XA	Injury of femoral nerve at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S74.11XA	Injury of femoral nerve at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S74.12XA	Injury of femoral nerve at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S74.20XA	Injury of cutaneous sensory nerve at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S74.21XA	Injury of cutaneous sensory nerve at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S74.22XA	Injury of cutaneous sensory nerve at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S74.8X1A	Injury of other nerves at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S74.8X2A	Injury of other nerves at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S74.8X9A	Injury of other nerves at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S74.90XA	Injury of unspecified nerve at hip and thigh level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S74.91XA	Injury of unspecified nerve at hip and thigh level, right leg, initial encounter	Diagnosis	ICD-10-CM
S74.92XA	Injury of unspecified nerve at hip and thigh level, left leg, initial encounter	Diagnosis	ICD-10-CM
S84.00XA	Injury of tibial nerve at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S84.01XA	Injury of tibial nerve at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S84.02XA	Injury of tibial nerve at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S84.10XA	Injury of peroneal nerve at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S84.11XA	Injury of peroneal nerve at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S84.12XA	Injury of peroneal nerve at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S84.20XA	Injury of cutaneous sensory nerve at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S84.21XA	Injury of cutaneous sensory nerve at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S84.22XA	Injury of cutaneous sensory nerve at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S84.801A	Injury of other nerves at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S84.802A	Injury of other nerves at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S84.809A	Injury of other nerves at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S84.90XA	Injury of unspecified nerve at lower leg level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S84.91XA	Injury of unspecified nerve at lower leg level, right leg, initial encounter	Diagnosis	ICD-10-CM
S84.92XA	Injury of unspecified nerve at lower leg level, left leg, initial encounter	Diagnosis	ICD-10-CM
S94.00XA	Injury of lateral plantar nerve, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S94.01XA	Injury of lateral plantar nerve, right leg, initial encounter	Diagnosis	ICD-10-CM
S94.02XA	Injury of lateral plantar nerve, left leg, initial encounter	Diagnosis	ICD-10-CM
S94.10XA	Injury of medial plantar nerve, unspecified leg, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
S94.11XA	Injury of medial plantar nerve, right leg, initial encounter	Diagnosis	ICD-10-CM
S94.12XA	Injury of medial plantar nerve, left leg, initial encounter	Diagnosis	ICD-10-CM
S94.20XA	Injury of deep peroneal nerve at ankle and foot level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S94.21XA	Injury of deep peroneal nerve at ankle and foot level, right leg, initial encounter	Diagnosis	ICD-10-CM
S94.22XA	Injury of deep peroneal nerve at ankle and foot level, left leg, initial encounter	Diagnosis	ICD-10-CM
S94.30XA	Injury of cutaneous sensory nerve at ankle and foot level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S94.31XA	Injury of cutaneous sensory nerve at ankle and foot level, right leg, initial encounter	Diagnosis	ICD-10-CM
S94.32XA	Injury of cutaneous sensory nerve at ankle and foot level, left leg, initial encounter	Diagnosis	ICD-10-CM
S94.8X1A	Injury of other nerves at ankle and foot level, right leg, initial encounter	Diagnosis	ICD-10-CM
S94.8X2A	Injury of other nerves at ankle and foot level, left leg, initial encounter	Diagnosis	ICD-10-CM
S94.8X9A	Injury of other nerves at ankle and foot level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S94.90XA	Injury of unspecified nerve at ankle and foot level, unspecified leg, initial encounter	Diagnosis	ICD-10-CM
S94.91XA	Injury of unspecified nerve at ankle and foot level, right leg, initial encounter	Diagnosis	ICD-10-CM
S94.92XA	Injury of unspecified nerve at ankle and foot level, left leg, initial encounter	Diagnosis	ICD-10-CM
High Trauma E-Codes			
E800	Railway accident involving collision with rolling stock	Diagnosis	ICD-9-CM
E800.0	Railway accident involving collision with rolling stock, injuring railway employee	Diagnosis	ICD-9-CM
E800.1	Railway accident involving collision with rolling stock, injuring passenger on railway	Diagnosis	ICD-9-CM
E800.2	Railway accident involving collision with rolling stock, injuring pedestrian	Diagnosis	ICD-9-CM
E800.3	Railway accident involving collision with rolling stock, injuring pedal cyclist	Diagnosis	ICD-9-CM
E800.8	Railway accident involving collision with rolling stock, injuring other specified person	Diagnosis	ICD-9-CM
E800.9	Railway accident involving collision with rolling stock, injuring unspecified person	Diagnosis	ICD-9-CM
E801	Railway accident involving collision with other object	Diagnosis	ICD-9-CM
E801.0	Railway accident involving collision with other object, injuring railway employee	Diagnosis	ICD-9-CM
E801.1	Railway accident involving collision with other object, injuring passenger on railway	Diagnosis	ICD-9-CM
E801.2	Railway accident involving collision with other object, injuring pedestrian	Diagnosis	ICD-9-CM
E801.3	Railway accident involving collision with other object, injuring pedal cyclist	Diagnosis	ICD-9-CM
E801.8	Railway accident involving collision with other object, injuring other specified person	Diagnosis	ICD-9-CM
E801.9	Railway accident involving collision with other object, injuring unspecified person	Diagnosis	ICD-9-CM
E802	Railway accident involving derailment without antecedent collision	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
E802.0	Railway accident involving derailment without antecedent collision, injuring railway employee	Diagnosis	ICD-9-CM
E802.1	Railway accident involving derailment without antecedent collision, injuring passenger on railway	Diagnosis	ICD-9-CM
E802.2	Railway accident involving derailment without antecedent collision, injuring pedestrian	Diagnosis	ICD-9-CM
E802.3	Railway accident involving derailment without antecedent collision, injuring pedal cyclist	Diagnosis	ICD-9-CM
E802.8	Railway accident involving derailment without antecedent collision, injuring other specified person	Diagnosis	ICD-9-CM
E802.9	Railway accident involving derailment without antecedent collision, injuring unspecified person	Diagnosis	ICD-9-CM
E803	Railway accident involving explosion, fire, or burning	Diagnosis	ICD-9-CM
E803.0	Railway accident involving explosion, fire, or burning, injuring railway employee	Diagnosis	ICD-9-CM
E803.1	Railway accident involving explosion, fire, or burning, injuring passenger on railway	Diagnosis	ICD-9-CM
E803.2	Railway accident involving explosion, fire, or burning, injuring pedestrian	Diagnosis	ICD-9-CM
E803.3	Railway accident involving explosion, fire, or burning, injuring pedal cyclist	Diagnosis	ICD-9-CM
E803.8	Railway accident involving explosion, fire, or burning, injuring other specified person	Diagnosis	ICD-9-CM
E803.9	Railway accident involving explosion, fire, or burning, injuring unspecified person	Diagnosis	ICD-9-CM
E804	Fall in, on, or from railway train	Diagnosis	ICD-9-CM
E804.0	Fall in, on, or from railway train, injuring railway employee	Diagnosis	ICD-9-CM
E804.1	Fall in, on, or from railway train, injuring passenger on railway	Diagnosis	ICD-9-CM
E804.2	Fall in, on, or from railway train, injuring pedestrian	Diagnosis	ICD-9-CM
E804.3	Fall in, on, or from railway train, injuring pedal cyclist	Diagnosis	ICD-9-CM
E804.8	Fall in, on, or from railway train, injuring other specified person	Diagnosis	ICD-9-CM
E804.9	Fall in, on, or from railway train, injuring unspecified person	Diagnosis	ICD-9-CM
E805	Hit by rolling stock	Diagnosis	ICD-9-CM
E805.0	Railway employee hit by rolling stock	Diagnosis	ICD-9-CM
E805.1	Passenger on railway hit by rolling stock	Diagnosis	ICD-9-CM
E805.2	Pedestrian hit by rolling stock	Diagnosis	ICD-9-CM
E805.3	Pedal cyclist hit by rolling stock	Diagnosis	ICD-9-CM
E805.8	Other specified person hit by rolling stock	Diagnosis	ICD-9-CM
E805.9	Unspecified person hit by rolling stock	Diagnosis	ICD-9-CM
E806	Other specified railway accident	Diagnosis	ICD-9-CM
E806.0	Other specified railway accident injuring railway employee	Diagnosis	ICD-9-CM
E806.1	Other specified railway accident injuring passenger on railway	Diagnosis	ICD-9-CM
E806.2	Other specified railway accident injuring pedestrian	Diagnosis	ICD-9-CM
E806.3	Other specified railway accident injuring pedal cyclist	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
E806.8	Other specified railway accident injuring other specified person	Diagnosis	ICD-9-CM
E806.9	Other specified railway accident injuring unspecified person	Diagnosis	ICD-9-CM
E807	Railway accident of unspecified nature	Diagnosis	ICD-9-CM
E807.0	Railway accident of unspecified nature injuring railway employee	Diagnosis	ICD-9-CM
E807.1	Railway accident of unspecified nature injuring passenger on railway	Diagnosis	ICD-9-CM
E807.2	Railway accident of unspecified nature injuring pedestrian	Diagnosis	ICD-9-CM
E807.3	Railway accident of unspecified nature injuring pedal cyclist	Diagnosis	ICD-9-CM
E807.8	Railway accident of unspecified nature injuring other specified person	Diagnosis	ICD-9-CM
E807.9	Railway accident of unspecified nature injuring unspecified person	Diagnosis	ICD-9-CM
E810	Motor vehicle traffic accident involving collision with train	Diagnosis	ICD-9-CM
E810.0	Motor vehicle collision with train, injuring driver of motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E810.1	Motor vehicle collision with train, injuring passenger in motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E810.2	Motor vehicle collision with train, injuring motorcyclist	Diagnosis	ICD-9-CM
E810.3	Motor vehicle collision with train, injuring passenger on motorcycle	Diagnosis	ICD-9-CM
E810.4	Motor vehicle collision with train, injuring occupant of streetcar	Diagnosis	ICD-9-CM
E810.5	Motor vehicle collision with train, injuring rider of animal; occupant of animal-drawn vehicle	Diagnosis	ICD-9-CM
E810.6	Motor vehicle collision with train, injuring pedal cyclist	Diagnosis	ICD-9-CM
E810.7	Motor vehicle collision with train, injuring pedestrian	Diagnosis	ICD-9-CM
E810.8	Motor vehicle collision with train, injuring other specified person	Diagnosis	ICD-9-CM
E810.9	Motor vehicle collision with train, injuring unspecified person	Diagnosis	ICD-9-CM
E811	Motor vehicle traffic accident involving re-entrant collision with another motor vehicle	Diagnosis	ICD-9-CM
E811.0	Motor vehicle traffic accident involving re-entrant collision with another motor vehicle, injuring driver of motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E811.1	Motor vehicle traffic accident involving re-entrant collision with another motor vehicle, injuring passenger in motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E811.2	Motor vehicle traffic accident involving re-entrant collision with another motor vehicle, injuring motorcyclist	Diagnosis	ICD-9-CM
E811.3	Motor vehicle traffic accident involving re-entrant collision with another motor vehicle, injuring passenger on motorcycle	Diagnosis	ICD-9-CM
E811.4	Motor vehicle traffic accident involving re-entrant collision with another motor vehicle, injuring occupant of streetcar	Diagnosis	ICD-9-CM
E811.5	Motor vehicle traffic accident involving re-entrant collision with another motor vehicle, injuring rider of animal; occupant of animal-drawn vehicle	Diagnosis	ICD-9-CM
E811.6	Motor vehicle traffic accident involving re-entrant collision with another motor vehicle, injuring pedal cyclist	Diagnosis	ICD-9-CM
E811.7	Motor vehicle traffic accident involving re-entrant collision with another motor vehicle, injuring pedestrian	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
E811.8	Motor vehicle traffic accident involving re-entrant collision with another motor vehicle, injuring other specified person	Diagnosis	ICD-9-CM
E811.9	Motor vehicle traffic accident involving re-entrant collision with another motor vehicle, injuring unspecified person	Diagnosis	ICD-9-CM
E812	Other motor vehicle collision with motor vehicle	Diagnosis	ICD-9-CM
E812.0	Other motor vehicle collision with motor vehicle, injuring driver of motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E812.1	Other motor vehicle collision with motor vehicle, injuring passenger in motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E812.2	Other motor vehicle collision with motor vehicle, injuring motorcyclist	Diagnosis	ICD-9-CM
E812.3	Other motor vehicle collision with motor vehicle, injuring passenger on motorcycle	Diagnosis	ICD-9-CM
E812.4	Other motor vehicle collision with motor vehicle, injuring occupant of streetcar	Diagnosis	ICD-9-CM
E812.5	Other motor vehicle collision with motor vehicle, injuring rider of animal; occupant of animal-drawn vehicle	Diagnosis	ICD-9-CM
E812.6	Other motor vehicle collision with motor vehicle, injuring pedal cyclist	Diagnosis	ICD-9-CM
E812.7	Other motor vehicle collision with motor vehicle, injuring pedestrian	Diagnosis	ICD-9-CM
E812.8	Other motor vehicle collision with motor vehicle, injuring other specified person	Diagnosis	ICD-9-CM
E812.9	Other motor vehicle collision with motor vehicle, injuring unspecified person	Diagnosis	ICD-9-CM
E813	Motor vehicle collision with other vehicle	Diagnosis	ICD-9-CM
E813.0	Motor vehicle collision with other vehicle, injuring driver of motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E813.1	Motor vehicle collision with other vehicle, injuring passenger in motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E813.2	Motor vehicle collision with other vehicle, injuring motorcyclist	Diagnosis	ICD-9-CM
E813.3	Motor vehicle collision with other vehicle, injuring passenger on motorcycle	Diagnosis	ICD-9-CM
E813.4	Motor vehicle collision with other vehicle, injuring occupant of streetcar	Diagnosis	ICD-9-CM
E813.5	Motor vehicle collision with other vehicle, injuring rider of animal; occupant of animal-drawn vehicle	Diagnosis	ICD-9-CM
E813.6	Motor vehicle collision with other vehicle, injuring pedal cyclist	Diagnosis	ICD-9-CM
E813.7	Motor vehicle collision with other vehicle, injuring pedestrian	Diagnosis	ICD-9-CM
E813.8	Motor vehicle collision with other vehicle, injuring other specified person	Diagnosis	ICD-9-CM
E813.9	Motor vehicle collision with other vehicle, injuring unspecified person	Diagnosis	ICD-9-CM
E814	Motor vehicle collision with pedestrian	Diagnosis	ICD-9-CM
E814.0	Motor vehicle collision with pedestrian, injuring driver of motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E814.1	Motor vehicle collision with pedestrian, injuring passenger in motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E814.2	Motor vehicle collision with pedestrian, injuring motorcyclist	Diagnosis	ICD-9-CM
E814.3	Motor vehicle collision with pedestrian, injuring passenger on motorcycle	Diagnosis	ICD-9-CM
E814.4	Motor vehicle collision with pedestrian, injuring occupant of streetcar	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
E814.5	Motor vehicle collision with pedestrian, injuring rider of animal; occupant of animal-drawn vehicle	Diagnosis	ICD-9-CM
E814.6	Motor vehicle collision with pedestrian, injuring pedal cyclist	Diagnosis	ICD-9-CM
E814.7	Motor vehicle collision with pedestrian, injuring pedestrian	Diagnosis	ICD-9-CM
E814.8	Motor vehicle collision with pedestrian, injuring other specified person	Diagnosis	ICD-9-CM
E814.9	Motor vehicle collision with pedestrian, injuring unspecified person	Diagnosis	ICD-9-CM
E815	Other motor vehicle collision with object on the highway	Diagnosis	ICD-9-CM
E815.0	Other motor vehicle collision with object on the highway, injuring driver of motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E815.1	Other motor vehicle collision with object on the highway, injuring passenger in motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E815.2	Other motor vehicle collision with object on the highway, injuring motorcyclist	Diagnosis	ICD-9-CM
E815.3	Other motor vehicle collision with object on the highway, injuring passenger on motorcycle	Diagnosis	ICD-9-CM
E815.4	Other motor vehicle collision with object on the highway, injuring occupant of streetcar	Diagnosis	ICD-9-CM
E815.5	Other motor vehicle collision with object on the highway, injuring rider of animal; occupant of animal-drawn vehicle	Diagnosis	ICD-9-CM
E815.6	Other motor vehicle collision with object on the highway, injuring pedal cyclist	Diagnosis	ICD-9-CM
E815.7	Other motor vehicle collision with object on the highway, injuring pedestrian	Diagnosis	ICD-9-CM
E815.8	Other motor vehicle collision with object on the highway, injuring other specified person	Diagnosis	ICD-9-CM
E815.9	Other motor vehicle collision with object on the highway, injuring unspecified person	Diagnosis	ICD-9-CM
E816	Motor vehicle traffic accident due to loss of control, without collision on the highway	Diagnosis	ICD-9-CM
E816.0	Motor vehicle traffic accident due to loss of control, without collision on the highway, injuring driver of motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E816.1	Motor vehicle traffic accident due to loss of control, without collision on the highway, injuring passenger in motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E816.2	Motor vehicle traffic accident due to loss of control, without collision on the highway, injuring motorcyclist	Diagnosis	ICD-9-CM
E816.3	Motor vehicle traffic accident due to loss of control, without collision on the highway, injuring passenger on motorcycle	Diagnosis	ICD-9-CM
E816.4	Motor vehicle traffic accident due to loss of control, without collision on the highway, injuring occupant of streetcar	Diagnosis	ICD-9-CM
E816.5	Motor vehicle traffic accident due to loss of control, without collision on the highway, injuring rider of animal; occupant of animal-drawn vehicle	Diagnosis	ICD-9-CM
E816.6	Motor vehicle traffic accident due to loss of control, without collision on the highway, injuring pedal cyclist	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
E816.7	Motor vehicle traffic accident due to loss of control, without collision on the highway, injuring pedestrian	Diagnosis	ICD-9-CM
E816.8	Motor vehicle traffic accident due to loss of control, without collision on the highway, injuring other specified person	Diagnosis	ICD-9-CM
E816.9	Motor vehicle traffic accident due to loss of control, without collision on the highway, injuring unspecified person	Diagnosis	ICD-9-CM
E817	Noncollision motor vehicle traffic accident while boarding or alighting	Diagnosis	ICD-9-CM
E817.0	Noncollision motor vehicle traffic accident injuring driver of motor vehicle other than motorcycle while boarding or alighting	Diagnosis	ICD-9-CM
E817.1	Noncollision motor vehicle traffic accident injuring passenger in motor vehicle other than motorcycle while boarding or alighting	Diagnosis	ICD-9-CM
E817.2	Noncollision motor vehicle traffic accident injuring motorcyclist while boarding or alighting	Diagnosis	ICD-9-CM
E817.3	Noncollision motor vehicle traffic accident injuring passenger on motorcycle while boarding or alighting	Diagnosis	ICD-9-CM
E817.4	Noncollision motor vehicle traffic accident injuring occupant of streetcar while boarding or alighting	Diagnosis	ICD-9-CM
E817.5	Noncollision motor vehicle traffic accident injuring rider of animal; occupant of animal-drawn vehicle while boarding or alighting	Diagnosis	ICD-9-CM
E817.6	Noncollision motor vehicle traffic accident injuring pedal cyclist while boarding or alighting	Diagnosis	ICD-9-CM
E817.7	Noncollision motor vehicle traffic accident injuring pedestrian while boarding or alighting	Diagnosis	ICD-9-CM
E817.8	Noncollision motor vehicle traffic accident injuring other specified person while boarding or alighting	Diagnosis	ICD-9-CM
E817.9	Noncollision motor vehicle traffic accident injuring unspecified person while boarding or alighting	Diagnosis	ICD-9-CM
E818	Other noncollision motor vehicle traffic accident	Diagnosis	ICD-9-CM
E818.0	Other noncollision motor vehicle traffic accident injuring driver of motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E818.1	Other noncollision motor vehicle traffic accident injuring passenger in motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E818.2	Other noncollision motor vehicle traffic accident injuring motorcyclist	Diagnosis	ICD-9-CM
E818.3	Other noncollision motor vehicle traffic accident injuring passenger on motorcycle	Diagnosis	ICD-9-CM
E818.4	Other noncollision motor vehicle traffic accident injuring occupant of streetcar	Diagnosis	ICD-9-CM
E818.5	Other noncollision motor vehicle traffic accident injuring rider of animal; occupant of animal-drawn vehicle	Diagnosis	ICD-9-CM
E818.6	Other noncollision motor vehicle traffic accident injuring pedal cyclist	Diagnosis	ICD-9-CM
E818.7	Other noncollision motor vehicle traffic accident injuring pedestrian	Diagnosis	ICD-9-CM
E818.8	Other noncollision motor vehicle traffic accident injuring other specified person	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
E818.9	Other noncollision motor vehicle traffic accident injuring unspecified person	Diagnosis	ICD-9-CM
E819	Motor vehicle traffic accident of unspecified nature	Diagnosis	ICD-9-CM
E819.0	Motor vehicle traffic accident of unspecified nature injuring driver of motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E819.1	Motor vehicle traffic accident of unspecified nature injuring passenger in motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E819.2	Motor vehicle traffic accident of unspecified nature injuring motorcyclist	Diagnosis	ICD-9-CM
E819.3	Motor vehicle traffic accident of unspecified nature injuring passenger on motorcycle	Diagnosis	ICD-9-CM
E819.4	Motor vehicle traffic accident of unspecified nature injuring occupant of streetcar	Diagnosis	ICD-9-CM
E819.5	Motor vehicle traffic accident of unspecified nature injuring rider of animal; occupant of animal-drawn vehicle	Diagnosis	ICD-9-CM
E819.6	Motor vehicle traffic accident of unspecified nature injuring pedal cyclist	Diagnosis	ICD-9-CM
E819.7	Motor vehicle traffic accident of unspecified nature injuring pedestrian	Diagnosis	ICD-9-CM
E819.8	Motor vehicle traffic accident of unspecified nature injuring other specified person	Diagnosis	ICD-9-CM
E819.9	Motor vehicle traffic accident of unspecified nature injuring unspecified person	Diagnosis	ICD-9-CM
E820	Nontraffic accident involving motor-driven snow vehicle	Diagnosis	ICD-9-CM
E820.0	Nontraffic accident involving motor-driven snow vehicle injuring driver of motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E820.1	Nontraffic accident involving motor-driven snow vehicle injuring passenger in motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E820.2	Nontraffic accident involving motor-driven snow vehicle injuring motorcyclist	Diagnosis	ICD-9-CM
E820.3	Nontraffic accident involving motor-driven snow vehicle injuring passenger on motorcycle	Diagnosis	ICD-9-CM
E820.4	Nontraffic accident involving motor-driven snow vehicle injuring occupant of streetcar	Diagnosis	ICD-9-CM
E820.5	Nontraffic accident involving motor-driven snow vehicle injuring rider of animal; occupant of animal-drawn vehicle	Diagnosis	ICD-9-CM
E820.6	Nontraffic accident involving motor-driven snow vehicle injuring pedal cyclist	Diagnosis	ICD-9-CM
E820.7	Nontraffic accident involving motor-driven snow vehicle injuring pedestrian	Diagnosis	ICD-9-CM
E820.8	Nontraffic accident involving motor-driven snow vehicle injuring other specified person	Diagnosis	ICD-9-CM
E820.9	Nontraffic accident involving motor-driven snow vehicle injuring unspecified person	Diagnosis	ICD-9-CM
E821	Nontraffic accident involving other off-road motor vehicle	Diagnosis	ICD-9-CM
E821.0	Nontraffic accident involving other off-road motor vehicle injuring driver of motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E821.1	Nontraffic accident involving other off-road motor vehicle injuring passenger in motor vehicle other than motorcycle	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
E821.2	Nontraffic accident involving other off-road motor vehicle injuring motorcyclist	Diagnosis	ICD-9-CM
E821.3	Nontraffic accident involving other off-road motor vehicle injuring passenger on motorcycle	Diagnosis	ICD-9-CM
E821.4	Nontraffic accident involving other off-road motor vehicle injuring occupant of streetcar	Diagnosis	ICD-9-CM
E821.5	Nontraffic accident involving other off-road motor vehicle injuring rider of animal; occupant of animal-drawn vehicle	Diagnosis	ICD-9-CM
E821.6	Nontraffic accident involving other off-road motor vehicle injuring pedal cyclist	Diagnosis	ICD-9-CM
E821.7	Nontraffic accident involving other off-road motor vehicle injuring pedestrian	Diagnosis	ICD-9-CM
E821.8	Nontraffic accident involving other off-road motor vehicle injuring other specified person	Diagnosis	ICD-9-CM
E821.9	Nontraffic accident involving other off-road motor vehicle injuring unspecified person	Diagnosis	ICD-9-CM
E822	Other motor vehicle nontraffic accident involving collision with moving object	Diagnosis	ICD-9-CM
E822.0	Other motor vehicle nontraffic accident involving collision with moving object injuring driver of motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E822.1	Other motor vehicle nontraffic accident involving collision with moving object injuring passenger in motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E822.2	Other motor vehicle nontraffic accident involving collision with moving object injuring motorcyclist	Diagnosis	ICD-9-CM
E822.3	Other motor vehicle nontraffic accident involving collision with moving object injuring passenger on motorcycle	Diagnosis	ICD-9-CM
E822.4	Other motor vehicle nontraffic accident involving collision with moving object injuring occupant of streetcar	Diagnosis	ICD-9-CM
E822.5	Other motor vehicle nontraffic accident involving collision with moving object injuring rider of animal; occupant of animal-drawn vehicle	Diagnosis	ICD-9-CM
E822.6	Other motor vehicle nontraffic accident involving collision with moving object injuring pedal cyclist	Diagnosis	ICD-9-CM
E822.7	Other motor vehicle nontraffic accident involving collision with moving object injuring pedestrian	Diagnosis	ICD-9-CM
E822.8	Other motor vehicle nontraffic accident involving collision with moving object injuring other specified person	Diagnosis	ICD-9-CM
E822.9	Other motor vehicle nontraffic accident involving collision with moving object injuring unspecified person	Diagnosis	ICD-9-CM
E823	Other motor vehicle nontraffic accident involving collision with stationary object	Diagnosis	ICD-9-CM
E823.0	Other motor vehicle nontraffic accident involving collision with stationary object injuring driver of motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E823.1	Other motor vehicle nontraffic accident involving collision with stationary object injuring passenger in motor vehicle other than motorcycle	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
E823.2	Other motor vehicle nontraffic accident involving collision with stationary object injuring motorcyclist	Diagnosis	ICD-9-CM
E823.3	Other motor vehicle nontraffic accident involving collision with stationary object injuring passenger on motorcycle	Diagnosis	ICD-9-CM
E823.4	Other motor vehicle nontraffic accident involving collision with stationary object injuring occupant of streetcar	Diagnosis	ICD-9-CM
E823.5	Other motor vehicle nontraffic accident involving collision with stationary object injuring rider of animal; occupant of animal-drawn vehicle	Diagnosis	ICD-9-CM
E823.6	Other motor vehicle nontraffic accident involving collision with stationary object injuring pedal cyclist	Diagnosis	ICD-9-CM
E823.7	Other motor vehicle nontraffic accident involving collision with stationary object injuring pedestrian	Diagnosis	ICD-9-CM
E823.8	Other motor vehicle nontraffic accident involving collision with stationary object injuring other specified person	Diagnosis	ICD-9-CM
E823.9	Other motor vehicle nontraffic accident involving collision with stationary object injuring unspecified person	Diagnosis	ICD-9-CM
E824	Other motor vehicle nontraffic accident while boarding and alighting	Diagnosis	ICD-9-CM
E824.0	Other motor vehicle nontraffic accident injuring driver of motor vehicle other than motorcycle while boarding and alighting	Diagnosis	ICD-9-CM
E824.1	Other motor vehicle nontraffic accident injuring passenger in motor vehicle other than motorcycle while boarding and alighting	Diagnosis	ICD-9-CM
E824.2	Other motor vehicle nontraffic accident injuring motorcyclist while boarding and alighting	Diagnosis	ICD-9-CM
E824.3	Other motor vehicle nontraffic accident injuring passenger on motorcycle while boarding and alighting	Diagnosis	ICD-9-CM
E824.4	Other motor vehicle nontraffic accident injuring occupant of streetcar while boarding and alighting	Diagnosis	ICD-9-CM
E824.5	Other motor vehicle nontraffic accident injuring rider of animal; occupant of animal-drawn vehicle while boarding and alighting	Diagnosis	ICD-9-CM
E824.6	Other motor vehicle nontraffic accident injuring pedal cyclist while boarding and alighting	Diagnosis	ICD-9-CM
E824.7	Other motor vehicle nontraffic accident injuring pedestrian while boarding and alighting	Diagnosis	ICD-9-CM
E824.8	Other motor vehicle nontraffic accident injuring other specified person while boarding and alighting	Diagnosis	ICD-9-CM
E824.9	Other motor vehicle nontraffic accident injuring unspecified person while boarding and alighting	Diagnosis	ICD-9-CM
E825	Other motor vehicle nontraffic accident of other and unspecified nature	Diagnosis	ICD-9-CM
E825.0	Other motor vehicle nontraffic accident of other and unspecified nature injuring driver of motor vehicle other than motorcycle	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
E825.1	Other motor vehicle nontraffic accident of other and unspecified nature injuring passenger in motor vehicle other than motorcycle	Diagnosis	ICD-9-CM
E825.2	Other motor vehicle nontraffic accident of other and unspecified nature injuring motorcyclist	Diagnosis	ICD-9-CM
E825.3	Other motor vehicle nontraffic accident of other and unspecified nature injuring passenger on motorcycle	Diagnosis	ICD-9-CM
E825.4	Other motor vehicle nontraffic accident of other and unspecified nature injuring occupant of streetcar	Diagnosis	ICD-9-CM
E825.5	Other motor vehicle nontraffic accident of other and unspecified nature injuring rider of animal; occupant of animal-drawn vehicle	Diagnosis	ICD-9-CM
E825.6	Other motor vehicle nontraffic accident of other and unspecified nature injuring pedal cyclist	Diagnosis	ICD-9-CM
E825.7	Other motor vehicle nontraffic accident of other and unspecified nature injuring pedestrian	Diagnosis	ICD-9-CM
E825.8	Other motor vehicle nontraffic accident of other and unspecified nature injuring other specified person	Diagnosis	ICD-9-CM
E825.9	Other motor vehicle nontraffic accident of other and unspecified nature injuring unspecified person	Diagnosis	ICD-9-CM
E826	Pedal cycle accident	Diagnosis	ICD-9-CM
E826.0	Pedal cycle accident injuring pedestrian	Diagnosis	ICD-9-CM
E826.1	Pedal cycle accident injuring pedal cyclist	Diagnosis	ICD-9-CM
E826.2	Pedal cycle accident injuring rider of animal	Diagnosis	ICD-9-CM
E826.3	Pedal cycle accident injuring occupant of animal-drawn vehicle	Diagnosis	ICD-9-CM
E826.4	Pedal cycle accident injuring occupant of streetcar	Diagnosis	ICD-9-CM
E826.8	Pedal cycle accident injuring other specified person	Diagnosis	ICD-9-CM
E826.9	Pedal cycle accident injuring unspecified person	Diagnosis	ICD-9-CM
E827	Animal-drawn vehicle accident	Diagnosis	ICD-9-CM
E827.0	Animal-drawn vehicle accident injuring pedestrian	Diagnosis	ICD-9-CM
E827.2	Animal-drawn vehicle accident injuring rider of animal	Diagnosis	ICD-9-CM
E827.3	Animal-drawn vehicle accident injuring occupant of animal-drawn vehicle	Diagnosis	ICD-9-CM
E827.4	Animal-drawn vehicle accident injuring occupant of streetcar	Diagnosis	ICD-9-CM
E827.8	Animal-drawn vehicle accident injuring other specified person	Diagnosis	ICD-9-CM
E827.9	Animal-drawn vehicle accident injuring unspecified person	Diagnosis	ICD-9-CM
E828	Accident involving animal being ridden	Diagnosis	ICD-9-CM
E828.0	Accident involving animal being ridden injuring pedestrian	Diagnosis	ICD-9-CM
E828.2	Accident involving animal being ridden injuring rider of animal	Diagnosis	ICD-9-CM
E828.4	Accident involving animal being ridden injuring occupant of streetcar	Diagnosis	ICD-9-CM
E828.8	Accident involving animal being ridden injuring other specified person	Diagnosis	ICD-9-CM
E828.9	Accident involving animal being ridden injuring unspecified person	Diagnosis	ICD-9-CM
E829	Other road vehicle accidents	Diagnosis	ICD-9-CM
E829.0	Other road vehicle accidents injuring pedestrian	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
E829.4	Other road vehicle accidents injuring occupant of streetcar	Diagnosis	ICD-9-CM
E829.8	Other road vehicle accidents injuring other specified person	Diagnosis	ICD-9-CM
E829.9	Other road vehicle accidents injuring unspecified person	Diagnosis	ICD-9-CM
E830	Accident to watercraft causing submersion	Diagnosis	ICD-9-CM
E830.0	Accident to watercraft causing submersion, injuring occupant of small unpowered boat	Diagnosis	ICD-9-CM
E830.1	Accident to watercraft causing submersion, injuring occupant of small unpowered boat	Diagnosis	ICD-9-CM
E830.2	Accident to watercraft causing submersion, injuring occupant of other watercraft, crew	Diagnosis	ICD-9-CM
E830.3	Accident to watercraft causing submersion, injuring occupant of other watercraft, other than crew	Diagnosis	ICD-9-CM
E830.4	Accident to watercraft causing submersion, injuring water skier	Diagnosis	ICD-9-CM
E830.5	Accident to watercraft causing submersion, injuring swimmer	Diagnosis	ICD-9-CM
E830.6	Accident to watercraft causing submersion, injuring dockers, stevedores	Diagnosis	ICD-9-CM
E830.7	Accident to watercraft causing submersion, occupant of military watercraft, any type	Diagnosis	ICD-9-CM
E830.8	Accident to watercraft causing submersion, injuring other specified person	Diagnosis	ICD-9-CM
E830.9	Accident to watercraft causing submersion, injuring unspecified person	Diagnosis	ICD-9-CM
E831	Accident to watercraft causing other injury	Diagnosis	ICD-9-CM
E831.0	Accident to watercraft causing other injury to occupant of small unpowered boat	Diagnosis	ICD-9-CM
E831.1	Accident to watercraft causing other injury to occupant of small powered boat	Diagnosis	ICD-9-CM
E831.2	Accident to watercraft causing other injury to occupant of other watercraft, crew	Diagnosis	ICD-9-CM
E831.3	Accident to watercraft causing other injury to occupant of other watercraft, other than crew	Diagnosis	ICD-9-CM
E831.4	Accident to watercraft causing other injury to water skier	Diagnosis	ICD-9-CM
E831.5	Accident to watercraft causing other injury to swimmer	Diagnosis	ICD-9-CM
E831.6	Accident to watercraft causing other injury to dockers, stevedores	Diagnosis	ICD-9-CM
E831.7	Accident to watercraft causing other injury, occupant of military watercraft, any type	Diagnosis	ICD-9-CM
E831.8	Accident to watercraft causing other injury to other specified person	Diagnosis	ICD-9-CM
E831.9	Accident to watercraft causing other injury to unspecified person	Diagnosis	ICD-9-CM
E832	Other accidental submersion or drowning in water transport accident	Diagnosis	ICD-9-CM
E832.0	Other accidental submersion or drowning in water transport accident injuring occupant of small unpowered boat	Diagnosis	ICD-9-CM
E832.1	Other accidental submersion or drowning in water transport accident injuring occupant of small powered boat	Diagnosis	ICD-9-CM
E832.2	Other accidental submersion or drowning in water transport accident injuring occupant of other watercraft, crew	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
E832.3	Other accidental submersion or drowning in water transport accident injuring occupant of other watercraft, other than crew	Diagnosis	ICD-9-CM
E832.4	Other accidental submersion or drowning in water transport accident injuring water skier	Diagnosis	ICD-9-CM
E832.5	Other accidental submersion or drowning in water transport accident injuring swimmer	Diagnosis	ICD-9-CM
E832.6	Other accidental submersion or drowning in water transport accident injuring dockers, stevedores	Diagnosis	ICD-9-CM
E832.7	Other accidental submersion or drowning in water transport accident, occupant of military watercraft, any type	Diagnosis	ICD-9-CM
E832.8	Other accidental submersion or drowning in water transport accident injuring other specified person	Diagnosis	ICD-9-CM
E832.9	Other accidental submersion or drowning in water transport accident injuring unspecified person	Diagnosis	ICD-9-CM
E833	Fall on stairs or ladders in water transport	Diagnosis	ICD-9-CM
E833.0	Fall on stairs or ladders in water transport injuring occupant of small unpowered boat	Diagnosis	ICD-9-CM
E833.1	Fall on stairs or ladders in water transport injuring occupant of small powered boat	Diagnosis	ICD-9-CM
E833.2	Fall on stairs or ladders in water transport injuring occupant of other watercraft, crew	Diagnosis	ICD-9-CM
E833.3	Fall on stairs or ladders in water transport injuring occupant of other watercraft, other than crew	Diagnosis	ICD-9-CM
E833.4	Fall on stairs or ladders in water transport injuring water skier	Diagnosis	ICD-9-CM
E833.5	Fall on stairs or ladders in water transport injuring swimmer	Diagnosis	ICD-9-CM
E833.6	Fall on stairs or ladders in water transport injuring dockers, stevedores	Diagnosis	ICD-9-CM
E833.7	Fall on stairs or ladders in water transport, occupant of military watercraft, any type	Diagnosis	ICD-9-CM
E833.8	Fall on stairs or ladders in water transport injuring other specified person	Diagnosis	ICD-9-CM
E833.9	Fall on stairs or ladders in water transport injuring unspecified person	Diagnosis	ICD-9-CM
E834	Other fall from one level to another in water transport	Diagnosis	ICD-9-CM
E834.0	Other fall from one level to another in water transport injuring occupant of small unpowered boat	Diagnosis	ICD-9-CM
E834.1	Other fall from one level to another in water transport injuring occupant of small powered boat	Diagnosis	ICD-9-CM
E834.2	Other fall from one level to another in water transport injuring occupant of other watercraft, crew	Diagnosis	ICD-9-CM
E834.3	Other fall from one level to another in water transport injuring occupant of other watercraft, other than crew	Diagnosis	ICD-9-CM
E834.4	Other fall from one level to another in water transport injuring water skier	Diagnosis	ICD-9-CM
E834.5	Other fall from one level to another in water transport injuring swimmer	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
E834.6	Other fall from one level to another in water transport injuring dockers, stevedores	Diagnosis	ICD-9-CM
E834.7	Other fall from one level to another in water transport, occupant of military watercraft, any type	Diagnosis	ICD-9-CM
E834.8	Other fall from one level to another in water transport injuring other specified person	Diagnosis	ICD-9-CM
E834.9	Other fall from one level to another in water transport injuring unspecified person	Diagnosis	ICD-9-CM
E835	Other and unspecified fall in water transport	Diagnosis	ICD-9-CM
E835.0	Other and unspecified fall in water transport injuring occupant of small unpowered boat	Diagnosis	ICD-9-CM
E835.1	Other and unspecified fall in water transport injuring occupant of small powered boat	Diagnosis	ICD-9-CM
E835.2	Other and unspecified fall in water transport injuring occupant of other watercraft, crew	Diagnosis	ICD-9-CM
E835.3	Other and unspecified fall in water transport injuring occupant of other watercraft, other than crew	Diagnosis	ICD-9-CM
E835.4	Other and unspecified fall in water transport injuring water skier	Diagnosis	ICD-9-CM
E835.5	Other and unspecified fall in water transport injuring swimmer	Diagnosis	ICD-9-CM
E835.6	Other and unspecified fall in water transport injuring dockers, stevedores	Diagnosis	ICD-9-CM
E835.7	Other and unspecified fall in water transport, occupant of military watercraft, any type	Diagnosis	ICD-9-CM
E835.8	Other and unspecified fall in water transport injuring other specified person	Diagnosis	ICD-9-CM
E835.9	Other and unspecified fall in water transport injuring unspecified person	Diagnosis	ICD-9-CM
E836	Machinery accident in water transport	Diagnosis	ICD-9-CM
E836.0	Machinery accident in water transport injuring occupant of small unpowered boat	Diagnosis	ICD-9-CM
E836.1	Machinery accident in water transport injuring occupant of small powered boat	Diagnosis	ICD-9-CM
E836.2	Machinery accident in water transport injuring occupant of other watercraft, crew	Diagnosis	ICD-9-CM
E836.3	Machinery accident in water transport injuring occupant of other watercraft, other than crew	Diagnosis	ICD-9-CM
E836.4	Machinery accident in water transport injuring water skier	Diagnosis	ICD-9-CM
E836.5	Machinery accident in water transport injuring swimmer	Diagnosis	ICD-9-CM
E836.6	Machinery accident in water transport injuring dockers, stevedores	Diagnosis	ICD-9-CM
E836.7	Machinery accident in water transport, occupant of military watercraft, any type	Diagnosis	ICD-9-CM
E836.8	Machinery accident in water transport injuring other specified person	Diagnosis	ICD-9-CM
E836.9	Machinery accident in water transport injuring unspecified person	Diagnosis	ICD-9-CM
E837	Explosion, fire, or burning in watercraft	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
E837.0	Explosion, fire, or burning in watercraft injuring occupant of small unpowered boat	Diagnosis	ICD-9-CM
E837.1	Explosion, fire, or burning in watercraft injuring occupant of small powered boat	Diagnosis	ICD-9-CM
E837.2	Explosion, fire, or burning in watercraft injuring occupant of other watercraft, crew	Diagnosis	ICD-9-CM
E837.3	Explosion, fire, or burning in watercraft injuring occupant of other watercraft, other than crew	Diagnosis	ICD-9-CM
E837.4	Explosion, fire, or burning in watercraft injuring water skier	Diagnosis	ICD-9-CM
E837.5	Explosion, fire, or burning in watercraft injuring swimmer	Diagnosis	ICD-9-CM
E837.6	Explosion, fire, or burning in watercraft injuring dockers, stevedores	Diagnosis	ICD-9-CM
E837.7	Explosion, fire, or burning in watercraft, occupant of military watercraft, any type	Diagnosis	ICD-9-CM
E837.8	Explosion, fire, or burning in watercraft injuring other specified person	Diagnosis	ICD-9-CM
E837.9	Explosion, fire, or burning in watercraft injuring unspecified person	Diagnosis	ICD-9-CM
E838	Other and unspecified water transport accident	Diagnosis	ICD-9-CM
E838.0	Other and unspecified water transport accident injuring occupant of small unpowered boat	Diagnosis	ICD-9-CM
E838.1	Other and unspecified water transport accident injuring occupant of small powered boat	Diagnosis	ICD-9-CM
E838.2	Other and unspecified water transport accident injuring occupant of other watercraft, crew	Diagnosis	ICD-9-CM
E838.3	Other and unspecified water transport accident injuring occupant of other watercraft, other than crew	Diagnosis	ICD-9-CM
E838.4	Other and unspecified water transport accident injuring water skier	Diagnosis	ICD-9-CM
E838.5	Other and unspecified water transport accident injuring swimmer	Diagnosis	ICD-9-CM
E838.6	Other and unspecified water transport accident injuring dockers, stevedores	Diagnosis	ICD-9-CM
E838.7	Other and unspecified water transport accident, occupant of military watercraft, any type	Diagnosis	ICD-9-CM
E838.8	Other and unspecified water transport accident injuring other specified person	Diagnosis	ICD-9-CM
E838.9	Other and unspecified water transport accident injuring unspecified person	Diagnosis	ICD-9-CM
E840	Accident to powered aircraft at takeoff or landing	Diagnosis	ICD-9-CM
E840.0	Accident to powered aircraft at takeoff or landing, injuring occupant of spacecraft	Diagnosis	ICD-9-CM
E840.1	Accident to powered aircraft at takeoff or landing, injuring any occupant of military aircraft	Diagnosis	ICD-9-CM
E840.2	Accident to powered aircraft at takeoff or landing, injuring crew of commercial aircraft (powered) in surface to surface transport	Diagnosis	ICD-9-CM
E840.3	Accident to powered aircraft at takeoff or landing, injuring other occupant of commercial aircraft (powered) in surface to surface transport	Diagnosis	ICD-9-CM
E840.4	Accident to powered aircraft at takeoff or landing, injuring occupant of commercial aircraft (powered) in surface to air transport	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
E840.5	Accident to powered aircraft at takeoff or landing, injuring occupant of other powered aircraft	Diagnosis	ICD-9-CM
E840.6	Accident to powered aircraft at takeoff or landing, injuring occupant of unpowered aircraft, except parachutist	Diagnosis	ICD-9-CM
E840.7	Accident to powered aircraft at takeoff or landing, injuring parachutist (military) (other)	Diagnosis	ICD-9-CM
E840.8	Accident to powered aircraft at takeoff or landing, injuring ground crew, airline employee	Diagnosis	ICD-9-CM
E840.9	Accident to powered aircraft at takeoff or landing, injuring other person	Diagnosis	ICD-9-CM
E841	Accident to powered aircraft, other and unspecified	Diagnosis	ICD-9-CM
E841.0	Accident to powered aircraft, other and unspecified, injuring occupant of spacecraft	Diagnosis	ICD-9-CM
E841.1	Accident to powered aircraft, other and unspecified, injuring any occupant of military aircraft	Diagnosis	ICD-9-CM
E841.2	Accident to powered aircraft, other and unspecified, injuring crew of commercial aircraft (powered) in surface to surface transport	Diagnosis	ICD-9-CM
E841.3	Accident to powered aircraft, other and unspecified, injuring other occupant of commercial aircraft (powered) in surface to surface transport	Diagnosis	ICD-9-CM
E841.4	Accident to powered aircraft, other and unspecified, injuring occupant of commercial aircraft (powered) in surface to air transport	Diagnosis	ICD-9-CM
E841.5	Accident to powered aircraft, other and unspecified, injuring occupant of other powered aircraft	Diagnosis	ICD-9-CM
E841.6	Accident to powered aircraft, other and unspecified, injuring occupant of unpowered aircraft, except parachutist	Diagnosis	ICD-9-CM
E841.7	Accident to powered aircraft, other and unspecified, injuring parachutist (military) (other)	Diagnosis	ICD-9-CM
E841.8	Accident to powered aircraft, other and unspecified, injuring ground crew, airline employee	Diagnosis	ICD-9-CM
E841.9	Accident to powered aircraft, other and unspecified, injuring other person	Diagnosis	ICD-9-CM
E842	Accident to unpowered aircraft	Diagnosis	ICD-9-CM
E842.6	Accident to unpowered aircraft injuring occupant of unpowered aircraft, except parachutist	Diagnosis	ICD-9-CM
E842.7	Accident to unpowered aircraft injuring parachutist (military) (other)	Diagnosis	ICD-9-CM
E842.8	Accident to unpowered aircraft injuring ground crew, airline employee	Diagnosis	ICD-9-CM
E842.9	Accident to unpowered aircraft injuring other person	Diagnosis	ICD-9-CM
E843	Fall in, on, or from aircraft	Diagnosis	ICD-9-CM
E843.0	Fall in, on, or from aircraft, injuring occupant of spacecraft	Diagnosis	ICD-9-CM
E843.1	Fall in, on, or from aircraft, injuring any occupant of military aircraft	Diagnosis	ICD-9-CM
E843.2	Fall in, on, or from aircraft, injuring crew of commercial aircraft (powered) in surface to surface transport	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
E843.3	Fall in, on, or from aircraft, injuring other occupant of commercial aircraft (powered) in surface to surface transport	Diagnosis	ICD-9-CM
E843.4	Fall in, on, or from aircraft, injuring occupant of commercial aircraft (powered) in surface to air transport	Diagnosis	ICD-9-CM
E843.5	Fall in, on, or from aircraft, injuring occupant of other powered aircraft	Diagnosis	ICD-9-CM
E843.6	Fall in, on, or from aircraft, injuring occupant of unpowered aircraft, except parachutist	Diagnosis	ICD-9-CM
E843.7	Fall in, on, or from aircraft, injuring parachutist (military) (other)	Diagnosis	ICD-9-CM
E843.8	Fall in, on, or from aircraft, injuring ground crew, airline employee	Diagnosis	ICD-9-CM
E843.9	Fall in, on, or from aircraft, injuring other person	Diagnosis	ICD-9-CM
E844	Other specified air transport accidents	Diagnosis	ICD-9-CM
E844.0	Other specified air transport accidents injuring occupant of spacecraft	Diagnosis	ICD-9-CM
E844.1	Other specified air transport accidents injuring any occupant of military aircraft	Diagnosis	ICD-9-CM
E844.2	Other specified air transport accidents injuring crew of commercial aircraft (powered) in surface to surface transport	Diagnosis	ICD-9-CM
E844.3	Other specified air transport accidents injuring other occupant of commercial aircraft (powered) in surface to surface transport	Diagnosis	ICD-9-CM
E844.4	Other specified air transport accidents injuring occupant of commercial aircraft (powered) in surface to air transport	Diagnosis	ICD-9-CM
E844.5	Other specified air transport accidents injuring occupant of other powered aircraft	Diagnosis	ICD-9-CM
E844.6	Other specified air transport accidents injuring occupant of unpowered aircraft, except parachutist	Diagnosis	ICD-9-CM
E844.7	Other specified air transport accidents injuring parachutist (military) (other)	Diagnosis	ICD-9-CM
E844.8	Other specified air transport accidents injuring ground crew, airline employee	Diagnosis	ICD-9-CM
E844.9	Other specified air transport accidents injuring other person	Diagnosis	ICD-9-CM
E845	Accident involving spacecraft	Diagnosis	ICD-9-CM
E845.0	Accident involving spacecraft injuring occupant of spacecraft	Diagnosis	ICD-9-CM
E845.8	Accident involving spacecraft injuring ground crew, airline employee	Diagnosis	ICD-9-CM
E845.9	Accident involving spacecraft injuring other person	Diagnosis	ICD-9-CM
E846	Accidents involving powered vehicles used solely within the buildings and premises of industrial or commercial establishment	Diagnosis	ICD-9-CM
E847	Accidents involving cable cars not running on rails	Diagnosis	ICD-9-CM
E848	Accidents involving other vehicles, not elsewhere classifiable	Diagnosis	ICD-9-CM
E881	Accidental fall on or from ladders or scaffolding	Diagnosis	ICD-9-CM
E881.0	Accidental fall from ladder	Diagnosis	ICD-9-CM
E881.1	Accidental fall from scaffolding	Diagnosis	ICD-9-CM
E882	Accidental fall from or out of building or other structure	Diagnosis	ICD-9-CM
E883	Accidental fall into hole or other opening in surface	Diagnosis	ICD-9-CM
E883.0	Accident from diving or jumping into water (swimming pool)	Diagnosis	ICD-9-CM
E883.1	Accidental fall into well	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
E883.2	Accidental fall into storm drain or manhole	Diagnosis	ICD-9-CM
E883.9	Accidental fall into other hole or other opening in surface	Diagnosis	ICD-9-CM
E884	Other accidental fall from one level to another	Diagnosis	ICD-9-CM
E884.0	Accidental fall from playground equipment	Diagnosis	ICD-9-CM
E884.1	Accidental fall from cliff	Diagnosis	ICD-9-CM
E884.2	Accidental fall from chair	Diagnosis	ICD-9-CM
E884.3	Accidental fall from wheelchair	Diagnosis	ICD-9-CM
E884.4	Accidental fall from bed	Diagnosis	ICD-9-CM
E884.5	Accidental fall from other furniture	Diagnosis	ICD-9-CM
E884.6	Accidental fall from commode	Diagnosis	ICD-9-CM
E884.9	Other accidental fall from one level to another	Diagnosis	ICD-9-CM
E908	Accident due to cataclysmic storms, and floods resulting from storms	Diagnosis	ICD-9-CM
E908.0	Accident due to hurricane	Diagnosis	ICD-9-CM
E908.1	Accident due to tornado	Diagnosis	ICD-9-CM
E908.2	Accident due to floods	Diagnosis	ICD-9-CM
E908.3	Accident due to blizzard (snow) (ice)	Diagnosis	ICD-9-CM
E908.4	Accident due to dust storm	Diagnosis	ICD-9-CM
E908.8	Accident due to other cataclysmic storms	Diagnosis	ICD-9-CM
E908.9	Accident due to unspecified cataclysmic storms and floods resulting from storms	Diagnosis	ICD-9-CM
E909	Accident due to cataclysmic earth surface movements and eruptions	Diagnosis	ICD-9-CM
E909.0	Earthquakes	Diagnosis	ICD-9-CM
E909.1	Volcanic eruptions	Diagnosis	ICD-9-CM
E909.2	Avalanche, landslide, or mudslide	Diagnosis	ICD-9-CM
E909.3	Collapse of dam or man-made structure	Diagnosis	ICD-9-CM
E909.4	Tidalwave caused by earthquake	Diagnosis	ICD-9-CM
E909.8	Other cataclysmic earth surface movements and eruptions	Diagnosis	ICD-9-CM
E909.9	Unspecified cataclysmic earth surface movements and eruptions	Diagnosis	ICD-9-CM
E916	Struck accidentally by falling object	Diagnosis	ICD-9-CM
E917	Striking against or struck accidentally by objects or persons	Diagnosis	ICD-9-CM
E917.0	Striking against or struck accidentally by objects or persons in sports	Diagnosis	ICD-9-CM
E917.1	Striking against or struck accidentally by crowd, by collective fear or panic	Diagnosis	ICD-9-CM
E917.2	Striking against or struck accidentally in running water	Diagnosis	ICD-9-CM
E917.3	Strike against or struck accidentally by furniture without subsequent fall	Diagnosis	ICD-9-CM
E917.4	Strike against or struck accidentally by other stationary object without subsequent fall	Diagnosis	ICD-9-CM
E917.5	Strike against or struck accidentally by other object in sports with subsequent fall	Diagnosis	ICD-9-CM
E917.6	Strike against or struck accidentally by crowd, by collective fear or panic with subsequent fall	Diagnosis	ICD-9-CM
E917.7	Strike against or struck accidentally by furniture with subsequent fall	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
E917.8	Strike against or struck accidentally by other stationary object with subsequent fall	Diagnosis	ICD-9-CM
E917.9	Other accident caused by striking against or being struck accidentally by objects or persons	Diagnosis	ICD-9-CM
E918	Caught accidentally in or between objects	Diagnosis	ICD-9-CM
E919	Accident caused by machinery	Diagnosis	ICD-9-CM
E919.0	Accident caused by agricultural machines	Diagnosis	ICD-9-CM
E919.1	Accident caused by mining and earth-drilling machinery	Diagnosis	ICD-9-CM
E919.2	Accident caused by lifting machines and appliances	Diagnosis	ICD-9-CM
E919.3	Accident caused by metalworking machines	Diagnosis	ICD-9-CM
E919.4	Accident caused by woodworking and forming machines	Diagnosis	ICD-9-CM
E919.5	Accident caused by prime movers, except electrical motors	Diagnosis	ICD-9-CM
E919.6	Accident caused by transmission machinery	Diagnosis	ICD-9-CM
E919.7	Accident caused by earth moving, scraping, and other excavating machines	Diagnosis	ICD-9-CM
E919.8	Accident caused by other specified machinery	Diagnosis	ICD-9-CM
E919.9	Accident caused by unspecified machinery	Diagnosis	ICD-9-CM
E920	Accident caused by cutting and piercing instruments or objects	Diagnosis	ICD-9-CM
E920.0	Accident caused by powered lawn mower	Diagnosis	ICD-9-CM
E920.1	Accident caused by other powered hand tools	Diagnosis	ICD-9-CM
E920.2	Accident caused by powered household appliances and implements	Diagnosis	ICD-9-CM
E920.3	Accident caused by knives, swords, and daggers	Diagnosis	ICD-9-CM
E920.4	Accident caused by other hand tools and implements	Diagnosis	ICD-9-CM
E920.5	Accident caused by hypodermic needle	Diagnosis	ICD-9-CM
E920.8	Accident caused by other specified cutting and piercing instruments or objects	Diagnosis	ICD-9-CM
E920.9	Accident caused by unspecified cutting and piercing instrument or object	Diagnosis	ICD-9-CM
E921	Accident caused by explosion of pressure vessel	Diagnosis	ICD-9-CM
E921.0	Accident caused by explosion of boilers	Diagnosis	ICD-9-CM
E921.1	Accident caused by explosion of gas cylinders	Diagnosis	ICD-9-CM
E921.8	Accident caused by explosion of other specified pressure vessels	Diagnosis	ICD-9-CM
E921.9	Accident caused by explosion of unspecified pressure vessel	Diagnosis	ICD-9-CM
E922	Accident caused by firearm, and air gun missiles	Diagnosis	ICD-9-CM
E922.0	Accident caused by handgun	Diagnosis	ICD-9-CM
E922.1	Accident caused by shotgun (automatic)	Diagnosis	ICD-9-CM
E922.2	Accident caused by hunting rifle	Diagnosis	ICD-9-CM
E922.3	Accident caused by military firearms	Diagnosis	ICD-9-CM
E922.4	Accident caused by air gun	Diagnosis	ICD-9-CM
E922.5	Accident caused by paintball gun	Diagnosis	ICD-9-CM
E922.8	Accident caused by other specified firearm missile	Diagnosis	ICD-9-CM
E922.9	Accident caused by unspecified firearm missile	Diagnosis	ICD-9-CM
E923	Accident caused by explosive material	Diagnosis	ICD-9-CM
E923.0	Accident caused by fireworks	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
E923.1	Accident caused by blasting materials	Diagnosis	ICD-9-CM
E923.2	Accident caused by explosive gases	Diagnosis	ICD-9-CM
E923.8	Accident caused by other explosive materials	Diagnosis	ICD-9-CM
E923.9	Accident caused by unspecified explosive material	Diagnosis	ICD-9-CM
E924	Accident caused by hot substance or object, caustic or corrosive material, and steam	Diagnosis	ICD-9-CM
E924.0	Accident caused by hot liquids and vapors, including steam	Diagnosis	ICD-9-CM
E924.1	Accident caused by caustic and corrosive substances	Diagnosis	ICD-9-CM
E924.2	Accident caused by hot (boiling) tap water	Diagnosis	ICD-9-CM
E924.8	Accident caused by other hot substance or object	Diagnosis	ICD-9-CM
E924.9	Accident caused by unspecified hot substance or object	Diagnosis	ICD-9-CM
E925	Accident caused by electric current	Diagnosis	ICD-9-CM
E925.0	Electrical accident caused by domestic wiring and appliances	Diagnosis	ICD-9-CM
E925.1	Electrical accident caused by electric current in electric power generating plants, distribution stations, transmission lines	Diagnosis	ICD-9-CM
E925.2	Electrical accident caused by industrial wiring, appliances, and electrical machinery	Diagnosis	ICD-9-CM
E925.8	Accident caused by other electric current	Diagnosis	ICD-9-CM
E925.9	Accident caused by unspecified electric current	Diagnosis	ICD-9-CM
E926	Exposure to radiation	Diagnosis	ICD-9-CM
E926.0	Exposure to radiofrequency radiation	Diagnosis	ICD-9-CM
E926.1	Exposure to infrared radiation from heaters and lamps	Diagnosis	ICD-9-CM
E926.2	Exposure to visible and ultraviolet light sources	Diagnosis	ICD-9-CM
E926.3	Exposure to x-rays and other electromagnetic ionizing radiation	Diagnosis	ICD-9-CM
E926.4	Exposure to lasers	Diagnosis	ICD-9-CM
E926.5	Exposure to radioactive isotopes	Diagnosis	ICD-9-CM
E926.8	Exposure to other specified radiation	Diagnosis	ICD-9-CM
E926.9	Exposure to unspecified radiation	Diagnosis	ICD-9-CM
E927	Overexertion and strenuous and repetitive movements or loads	Diagnosis	ICD-9-CM
E927.0	Overexertion from sudden strenuous movement	Diagnosis	ICD-9-CM
E927.1	Overexertion from prolonged static position	Diagnosis	ICD-9-CM
E927.2	Excessive physical exertion from prolonged activity	Diagnosis	ICD-9-CM
E927.3	Cumulative trauma from repetitive motion	Diagnosis	ICD-9-CM
E927.4	Cumulative trauma from repetitive impact	Diagnosis	ICD-9-CM
E927.8	Other overexertion and strenuous and repetitive movements or loads	Diagnosis	ICD-9-CM
E927.9	Unspecified overexertion and strenuous and repetitive movements or loads	Diagnosis	ICD-9-CM
E928	Other and unspecified environmental and accidental causes	Diagnosis	ICD-9-CM
E928.0	Prolonged stay in weightless environment	Diagnosis	ICD-9-CM
E928.1	Exposure to noise	Diagnosis	ICD-9-CM
E928.2	Accident caused by vibration	Diagnosis	ICD-9-CM
E928.3	Accidental human bite	Diagnosis	ICD-9-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
E928.4	External constriction caused by hair	Diagnosis	ICD-9-CM
E928.5	External constriction caused by other object	Diagnosis	ICD-9-CM
E928.6	Environmental exposure to harmful algae and toxins	Diagnosis	ICD-9-CM
E928.7	Environmental and accidental causes, mechanism or component of firearm and air gun	Diagnosis	ICD-9-CM
E928.8	Other accident	Diagnosis	ICD-9-CM
E928.9	Unspecified accident	Diagnosis	ICD-9-CM
T54.1X1A	Toxic effect of other corrosive organic compounds, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T54.1X4A	Toxic effect of other corrosive organic compounds, undetermined, initial encounter	Diagnosis	ICD-10-CM
T54.2X1A	Toxic effect of corrosive acids and acid-like substances, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T54.2X4A	Toxic effect of corrosive acids and acid-like substances, undetermined, initial encounter	Diagnosis	ICD-10-CM
T54.3X1A	Toxic effect of corrosive alkalis and alkali-like substances, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T54.3X4A	Toxic effect of corrosive alkalis and alkali-like substances, undetermined, initial encounter	Diagnosis	ICD-10-CM
T54.91XA	Toxic effect of unspecified corrosive substance, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.821A	Toxic effect of harmful algae and algae toxins, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65.824A	Toxic effect of harmful algae and algae toxins, undetermined, initial encounter	Diagnosis	ICD-10-CM
T73.3XXA	Exhaustion due to excessive exertion, initial encounter	Diagnosis	ICD-10-CM
V00.01XA	Pedestrian on foot injured in collision with roller-skater, initial encounter	Diagnosis	ICD-10-CM
V00.01XD	Pedestrian on foot injured in collision with roller-skater, subsequent encounter	Diagnosis	ICD-10-CM
V00.02XA	Pedestrian on foot injured in collision with skateboarder, initial encounter	Diagnosis	ICD-10-CM
V00.02XD	Pedestrian on foot injured in collision with skateboarder, subsequent encounter	Diagnosis	ICD-10-CM
V00.09XA	Pedestrian on foot injured in collision with other pedestrian conveyance, initial encounter	Diagnosis	ICD-10-CM
V00.09XD	Pedestrian on foot injured in collision with other pedestrian conveyance, subsequent encounter	Diagnosis	ICD-10-CM
V00.811A	Fall from moving wheelchair (powered), initial encounter	Diagnosis	ICD-10-CM
V00.811D	Fall from moving wheelchair (powered), subsequent encounter	Diagnosis	ICD-10-CM
V00.812A	Wheelchair (powered) colliding with stationary object, initial encounter	Diagnosis	ICD-10-CM
V00.812D	Wheelchair (powered) colliding with stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V00.818A	Other accident with wheelchair (powered), initial encounter	Diagnosis	ICD-10-CM
V00.818D	Other accident with wheelchair (powered), subsequent encounter	Diagnosis	ICD-10-CM
V00.821A	Fall from babystroller, initial encounter	Diagnosis	ICD-10-CM
V00.821D	Fall from babystroller, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V00.822A	Babystroller colliding with stationary object, initial encounter	Diagnosis	ICD-10-CM
V00.822D	Babystroller colliding with stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V00.828A	Other accident with babystroller, initial encounter	Diagnosis	ICD-10-CM
V00.828D	Other accident with babystroller, subsequent encounter	Diagnosis	ICD-10-CM
V00.831A	Fall from motorized mobility scooter, initial encounter	Diagnosis	ICD-10-CM
V00.831D	Fall from motorized mobility scooter, subsequent encounter	Diagnosis	ICD-10-CM
V00.832A	Motorized mobility scooter colliding with stationary object, initial encounter	Diagnosis	ICD-10-CM
V00.832D	Motorized mobility scooter colliding with stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V00.838A	Other accident with motorized mobility scooter, initial encounter	Diagnosis	ICD-10-CM
V00.838D	Other accident with motorized mobility scooter, subsequent encounter	Diagnosis	ICD-10-CM
V00.891A	Fall from other pedestrian conveyance, initial encounter	Diagnosis	ICD-10-CM
V00.891D	Fall from other pedestrian conveyance, subsequent encounter	Diagnosis	ICD-10-CM
V00.892A	Pedestrian on other pedestrian conveyance colliding with stationary object, initial encounter	Diagnosis	ICD-10-CM
V00.892D	Pedestrian on other pedestrian conveyance colliding with stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V00.898A	Other accident on other pedestrian conveyance, initial encounter	Diagnosis	ICD-10-CM
V00.898D	Other accident on other pedestrian conveyance, subsequent encounter	Diagnosis	ICD-10-CM
V01.00XA	Pedestrian on foot injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V01.00XD	Pedestrian on foot injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V01.01XA	Pedestrian on roller-skates injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V01.01XD	Pedestrian on roller-skates injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V01.02XA	Pedestrian on skateboard injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V01.02XD	Pedestrian on skateboard injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V01.09XA	Pedestrian with other conveyance injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V01.09XD	Pedestrian with other conveyance injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V01.10XA	Pedestrian on foot injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V01.10XD	Pedestrian on foot injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V01.11XA	Pedestrian on roller-skates injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V01.11XD	Pedestrian on roller-skates injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V01.12XA	Pedestrian on skateboard injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V01.12XD	Pedestrian on skateboard injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V01.19XA	Pedestrian with other conveyance injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V01.19XD	Pedestrian with other conveyance injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V01.90XA	Pedestrian on foot injured in collision with pedal cycle, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V01.90XD	Pedestrian on foot injured in collision with pedal cycle, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V01.91XA	Pedestrian on roller-skates injured in collision with pedal cycle, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V01.91XD	Pedestrian on roller-skates injured in collision with pedal cycle, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V01.92XA	Pedestrian on skateboard injured in collision with pedal cycle, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V01.92XD	Pedestrian on skateboard injured in collision with pedal cycle, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V01.99XA	Pedestrian with other conveyance injured in collision with pedal cycle, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V01.99XD	Pedestrian with other conveyance injured in collision with pedal cycle, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V02.00XA	Pedestrian on foot injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V02.00XD	Pedestrian on foot injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V02.01XA	Pedestrian on roller-skates injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V02.01XD	Pedestrian on roller-skates injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V02.02XA	Pedestrian on skateboard injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V02.02XD	Pedestrian on skateboard injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V02.09XA	Pedestrian with other conveyance injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V02.09XD	Pedestrian with other conveyance injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V02.10XA	Pedestrian on foot injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V02.10XD	Pedestrian on foot injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V02.11XA	Pedestrian on roller-skates injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V02.11XD	Pedestrian on roller-skates injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V02.12XA	Pedestrian on skateboard injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V02.12XD	Pedestrian on skateboard injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V02.19XA	Pedestrian with other conveyance injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V02.19XD	Pedestrian with other conveyance injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V02.90XA	Pedestrian on foot injured in collision with two- or three-wheeled motor vehicle, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V02.90XD	Pedestrian on foot injured in collision with two- or three-wheeled motor vehicle, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V02.91XA	Pedestrian on roller-skates injured in collision with two- or three-wheeled motor vehicle, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V02.91XD	Pedestrian on roller-skates injured in collision with two- or three-wheeled motor vehicle, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V02.92XA	Pedestrian on skateboard injured in collision with two- or three-wheeled motor vehicle, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V02.92XD	Pedestrian on skateboard injured in collision with two- or three-wheeled motor vehicle, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V02.99XA	Pedestrian with other conveyance injured in collision with two- or three-wheeled motor vehicle, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V02.99XD	Pedestrian with other conveyance injured in collision with two- or three-wheeled motor vehicle, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V03.00XA	Pedestrian on foot injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V03.00XD	Pedestrian on foot injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V03.01XA	Pedestrian on roller-skates injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V03.01XD	Pedestrian on roller-skates injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V03.02XA	Pedestrian on skateboard injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V03.02XD	Pedestrian on skateboard injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V03.09XA	Pedestrian with other conveyance injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V03.09XD	Pedestrian with other conveyance injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V03.10XA	Pedestrian on foot injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V03.10XD	Pedestrian on foot injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V03.11XA	Pedestrian on roller-skates injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V03.11XD	Pedestrian on roller-skates injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V03.12XA	Pedestrian on skateboard injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V03.12XD	Pedestrian on skateboard injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V03.19XA	Pedestrian with other conveyance injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V03.19XD	Pedestrian with other conveyance injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V03.90XA	Pedestrian on foot injured in collision with car, pick-up truck or van, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V03.90XD	Pedestrian on foot injured in collision with car, pick-up truck or van, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V03.91XA	Pedestrian on roller-skates injured in collision with car, pick-up truck or van, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V03.91XD	Pedestrian on roller-skates injured in collision with car, pick-up truck or van, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V03.92XA	Pedestrian on skateboard injured in collision with car, pick-up truck or van, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V03.92XD	Pedestrian on skateboard injured in collision with car, pick-up truck or van, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V03.99XA	Pedestrian with other conveyance injured in collision with car, pick-up truck or van, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V03.99XD	Pedestrian with other conveyance injured in collision with car, pick-up truck or van, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V04.00XA	Pedestrian on foot injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V04.00XD	Pedestrian on foot injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V04.01XA	Pedestrian on roller-skates injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V04.01XD	Pedestrian on roller-skates injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V04.02XA	Pedestrian on skateboard injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V04.02XD	Pedestrian on skateboard injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V04.09XA	Pedestrian with other conveyance injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V04.09XD	Pedestrian with other conveyance injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V04.10XA	Pedestrian on foot injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V04.10XD	Pedestrian on foot injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V04.11XA	Pedestrian on roller-skates injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V04.11XD	Pedestrian on roller-skates injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V04.12XA	Pedestrian on skateboard injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V04.12XD	Pedestrian on skateboard injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V04.19XA	Pedestrian with other conveyance injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V04.19XD	Pedestrian with other conveyance injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V04.90XA	Pedestrian on foot injured in collision with heavy transport vehicle or bus, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V04.90XD	Pedestrian on foot injured in collision with heavy transport vehicle or bus, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V04.91XA	Pedestrian on roller-skates injured in collision with heavy transport vehicle or bus, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V04.91XD	Pedestrian on roller-skates injured in collision with heavy transport vehicle or bus, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V04.92XA	Pedestrian on skateboard injured in collision with heavy transport vehicle or bus, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V04.92XD	Pedestrian on skateboard injured in collision with heavy transport vehicle or bus, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V04.99XA	Pedestrian with other conveyance injured in collision with heavy transport vehicle or bus, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V04.99XD	Pedestrian with other conveyance injured in collision with heavy transport vehicle or bus, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V05.00XA	Pedestrian on foot injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V05.00XD	Pedestrian on foot injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V05.01XA	Pedestrian on roller-skates injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V05.01XD	Pedestrian on roller-skates injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V05.02XA	Pedestrian on skateboard injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V05.02XD	Pedestrian on skateboard injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V05.09XA	Pedestrian with other conveyance injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V05.09XD	Pedestrian with other conveyance injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V05.10XA	Pedestrian on foot injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V05.10XD	Pedestrian on foot injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V05.11XA	Pedestrian on roller-skates injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V05.11XD	Pedestrian on roller-skates injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V05.12XA	Pedestrian on skateboard injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V05.12XD	Pedestrian on skateboard injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V05.19XA	Pedestrian with other conveyance injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V05.19XD	Pedestrian with other conveyance injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V05.90XA	Pedestrian on foot injured in collision with railway train or railway vehicle, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V05.90XD	Pedestrian on foot injured in collision with railway train or railway vehicle, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V05.91XA	Pedestrian on roller-skates injured in collision with railway train or railway vehicle, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V05.91XD	Pedestrian on roller-skates injured in collision with railway train or railway vehicle, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V05.92XA	Pedestrian on skateboard injured in collision with railway train or railway vehicle, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V05.92XD	Pedestrian on skateboard injured in collision with railway train or railway vehicle, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V05.99XA	Pedestrian with other conveyance injured in collision with railway train or railway vehicle, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V05.99XD	Pedestrian with other conveyance injured in collision with railway train or railway vehicle, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V06.00XA	Pedestrian on foot injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V06.00XD	Pedestrian on foot injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V06.01XA	Pedestrian on roller-skates injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V06.01XD	Pedestrian on roller-skates injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V06.02XA	Pedestrian on skateboard injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V06.02XD	Pedestrian on skateboard injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V06.09XA	Pedestrian with other conveyance injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V06.09XD	Pedestrian with other conveyance injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V06.10XA	Pedestrian on foot injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V06.10XD	Pedestrian on foot injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V06.11XA	Pedestrian on roller-skates injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V06.11XD	Pedestrian on roller-skates injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V06.12XA	Pedestrian on skateboard injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V06.12XD	Pedestrian on skateboard injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V06.19XA	Pedestrian with other conveyance injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V06.19XD	Pedestrian with other conveyance injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V06.90XA	Pedestrian on foot injured in collision with other nonmotor vehicle, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V06.90XD	Pedestrian on foot injured in collision with other nonmotor vehicle, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V06.91XA	Pedestrian on roller-skates injured in collision with other nonmotor vehicle, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V06.91XD	Pedestrian on roller-skates injured in collision with other nonmotor vehicle, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V06.92XA	Pedestrian on skateboard injured in collision with other nonmotor vehicle, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V06.92XD	Pedestrian on skateboard injured in collision with other nonmotor vehicle, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V06.99XA	Pedestrian with other conveyance injured in collision with other nonmotor vehicle, unspecified whether traffic or nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V06.99XD	Pedestrian with other conveyance injured in collision with other nonmotor vehicle, unspecified whether traffic or nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V09.00XA	Pedestrian injured in nontraffic accident involving unspecified motor vehicles, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V09.00XD	Pedestrian injured in nontraffic accident involving unspecified motor vehicles, subsequent encounter	Diagnosis	ICD-10-CM
V09.01XA	Pedestrian injured in nontraffic accident involving military vehicle, initial encounter	Diagnosis	ICD-10-CM
V09.01XD	Pedestrian injured in nontraffic accident involving military vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V09.09XA	Pedestrian injured in nontraffic accident involving other motor vehicles, initial encounter	Diagnosis	ICD-10-CM
V09.09XD	Pedestrian injured in nontraffic accident involving other motor vehicles, subsequent encounter	Diagnosis	ICD-10-CM
V09.1XXA	Pedestrian injured in unspecified nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V09.1XXD	Pedestrian injured in unspecified nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V09.20XA	Pedestrian injured in traffic accident involving unspecified motor vehicles, initial encounter	Diagnosis	ICD-10-CM
V09.20XD	Pedestrian injured in traffic accident involving unspecified motor vehicles, subsequent encounter	Diagnosis	ICD-10-CM
V09.21XA	Pedestrian injured in traffic accident involving military vehicle, initial encounter	Diagnosis	ICD-10-CM
V09.21XD	Pedestrian injured in traffic accident involving military vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V09.29XA	Pedestrian injured in traffic accident involving other motor vehicles, initial encounter	Diagnosis	ICD-10-CM
V09.29XD	Pedestrian injured in traffic accident involving other motor vehicles, subsequent encounter	Diagnosis	ICD-10-CM
V09.3XXA	Pedestrian injured in unspecified traffic accident, initial encounter	Diagnosis	ICD-10-CM
V09.3XXD	Pedestrian injured in unspecified traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V09.9XXA	Pedestrian injured in unspecified transport accident, initial encounter	Diagnosis	ICD-10-CM
V09.9XXD	Pedestrian injured in unspecified transport accident, subsequent encounter	Diagnosis	ICD-10-CM
V10.0XXA	Pedal cycle driver injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V10.0XXD	Pedal cycle driver injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V10.1XXA	Pedal cycle passenger injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V10.1XXD	Pedal cycle passenger injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V10.2XXA	Unspecified pedal cyclist injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V10.2XXD	Unspecified pedal cyclist injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V10.3XXA	Person boarding or alighting a pedal cycle injured in collision with pedestrian or animal, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V10.3XXD	Person boarding or alighting a pedal cycle injured in collision with pedestrian or animal, subsequent encounter	Diagnosis	ICD-10-CM
V10.4XXA	Pedal cycle driver injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V10.4XXD	Pedal cycle driver injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V10.5XXA	Pedal cycle passenger injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V10.5XXD	Pedal cycle passenger injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V10.9XXA	Unspecified pedal cyclist injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V10.9XXD	Unspecified pedal cyclist injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V11.0XXA	Pedal cycle driver injured in collision with other pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V11.0XXD	Pedal cycle driver injured in collision with other pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V11.1XXA	Pedal cycle passenger injured in collision with other pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V11.1XXD	Pedal cycle passenger injured in collision with other pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V11.2XXA	Unspecified pedal cyclist injured in collision with other pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V11.2XXD	Unspecified pedal cyclist injured in collision with other pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V11.3XXA	Person boarding or alighting a pedal cycle injured in collision with other pedal cycle, initial encounter	Diagnosis	ICD-10-CM
V11.3XXD	Person boarding or alighting a pedal cycle injured in collision with other pedal cycle, subsequent encounter	Diagnosis	ICD-10-CM
V11.4XXA	Pedal cycle driver injured in collision with other pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V11.4XXD	Pedal cycle driver injured in collision with other pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V11.5XXA	Pedal cycle passenger injured in collision with other pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V11.5XXD	Pedal cycle passenger injured in collision with other pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V11.9XXA	Unspecified pedal cyclist injured in collision with other pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V11.9XXD	Unspecified pedal cyclist injured in collision with other pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V12.0XXA	Pedal cycle driver injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V12.0XXD	Pedal cycle driver injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V12.1XXA	Pedal cycle passenger injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V12.1XXD	Pedal cycle passenger injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V12.2XXA	Unspecified pedal cyclist injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V12.2XXD	Unspecified pedal cyclist injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V12.3XXA	Person boarding or alighting a pedal cycle injured in collision with two- or three-wheeled motor vehicle, initial encounter	Diagnosis	ICD-10-CM
V12.3XXD	Person boarding or alighting a pedal cycle injured in collision with two- or three-wheeled motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V12.4XXA	Pedal cycle driver injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V12.4XXD	Pedal cycle driver injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V12.5XXA	Pedal cycle passenger injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V12.5XXD	Pedal cycle passenger injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V12.9XXA	Unspecified pedal cyclist injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V12.9XXD	Unspecified pedal cyclist injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V13.0XXA	Pedal cycle driver injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V13.0XXD	Pedal cycle driver injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V13.1XXA	Pedal cycle passenger injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V13.1XXD	Pedal cycle passenger injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V13.2XXA	Unspecified pedal cyclist injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V13.2XXD	Unspecified pedal cyclist injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V13.3XXA	Person boarding or alighting a pedal cycle injured in collision with car, pick-up truck or van, initial encounter	Diagnosis	ICD-10-CM
V13.3XXD	Person boarding or alighting a pedal cycle injured in collision with car, pick-up truck or van, subsequent encounter	Diagnosis	ICD-10-CM
V13.4XXA	Pedal cycle driver injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V13.4XXD	Pedal cycle driver injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V13.5XXA	Pedal cycle passenger injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V13.5XXD	Pedal cycle passenger injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V13.9XXA	Unspecified pedal cyclist injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V13.9XXD	Unspecified pedal cyclist injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V14.0XXA	Pedal cycle driver injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V14.0XXD	Pedal cycle driver injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V14.1XXA	Pedal cycle passenger injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V14.1XXD	Pedal cycle passenger injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V14.2XXA	Unspecified pedal cyclist injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V14.2XXD	Unspecified pedal cyclist injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V14.3XXA	Person boarding or alighting a pedal cycle injured in collision with heavy transport vehicle or bus, initial encounter	Diagnosis	ICD-10-CM
V14.3XXD	Person boarding or alighting a pedal cycle injured in collision with heavy transport vehicle or bus, subsequent encounter	Diagnosis	ICD-10-CM
V14.4XXA	Pedal cycle driver injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V14.4XXD	Pedal cycle driver injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V14.5XXA	Pedal cycle passenger injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V14.5XXD	Pedal cycle passenger injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V14.9XXA	Unspecified pedal cyclist injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V14.9XXD	Unspecified pedal cyclist injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V15.0XXA	Pedal cycle driver injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V15.0XXD	Pedal cycle driver injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V15.1XXA	Pedal cycle passenger injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V15.1XXD	Pedal cycle passenger injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V15.2XXA	Unspecified pedal cyclist injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V15.2XXD	Unspecified pedal cyclist injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V15.3XXA	Person boarding or alighting a pedal cycle injured in collision with railway train or railway vehicle, initial encounter	Diagnosis	ICD-10-CM
V15.3XXD	Person boarding or alighting a pedal cycle injured in collision with railway train or railway vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V15.4XXA	Pedal cycle driver injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V15.4XXD	Pedal cycle driver injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V15.5XXA	Pedal cycle passenger injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V15.5XXD	Pedal cycle passenger injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V15.9XXA	Unspecified pedal cyclist injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V15.9XXD	Unspecified pedal cyclist injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V16.0XXA	Pedal cycle driver injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V16.0XXD	Pedal cycle driver injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V16.1XXA	Pedal cycle passenger injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V16.1XXD	Pedal cycle passenger injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V16.2XXA	Unspecified pedal cyclist injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V16.2XXD	Unspecified pedal cyclist injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V16.3XXA	Person boarding or alighting a pedal cycle injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V16.3XXD	Person boarding or alighting a pedal cycle injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V16.4XXA	Pedal cycle driver injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V16.4XXD	Pedal cycle driver injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V16.5XXA	Pedal cycle passenger injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V16.5XXD	Pedal cycle passenger injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V16.9XXA	Unspecified pedal cyclist injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V16.9XXD	Unspecified pedal cyclist injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V17.0XXA	Pedal cycle driver injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V17.0XXD	Pedal cycle driver injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V17.1XXA	Pedal cycle passenger injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V17.1XXD	Pedal cycle passenger injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V17.2XXA	Unspecified pedal cyclist injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V17.2XXD	Unspecified pedal cyclist injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V17.3XXA	Person boarding or alighting a pedal cycle injured in collision with fixed or stationary object, initial encounter	Diagnosis	ICD-10-CM
V17.3XXD	Person boarding or alighting a pedal cycle injured in collision with fixed or stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V17.4XXA	Pedal cycle driver injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V17.4XXD	Pedal cycle driver injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V17.5XXA	Pedal cycle passenger injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V17.5XXD	Pedal cycle passenger injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V17.9XXA	Unspecified pedal cyclist injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V17.9XXD	Unspecified pedal cyclist injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V18.0XXA	Pedal cycle driver injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V18.0XXD	Pedal cycle driver injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V18.1XXA	Pedal cycle passenger injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V18.1XXD	Pedal cycle passenger injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V18.2XXA	Unspecified pedal cyclist injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V18.2XXD	Unspecified pedal cyclist injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V18.3XXA	Person boarding or alighting a pedal cycle injured in noncollision transport accident, initial encounter	Diagnosis	ICD-10-CM
V18.3XXD	Person boarding or alighting a pedal cycle injured in noncollision transport accident, subsequent encounter	Diagnosis	ICD-10-CM
V18.4XXA	Pedal cycle driver injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V18.4XXD	Pedal cycle driver injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V18.5XXA	Pedal cycle passenger injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V18.5XXD	Pedal cycle passenger injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V18.9XXA	Unspecified pedal cyclist injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V18.9XXD	Unspecified pedal cyclist injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V19.00XA	Pedal cycle driver injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V19.00XD	Pedal cycle driver injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V19.09XA	Pedal cycle driver injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V19.09XD	Pedal cycle driver injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V19.10XA	Pedal cycle passenger injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V19.10XD	Pedal cycle passenger injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V19.19XA	Pedal cycle passenger injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V19.19XD	Pedal cycle passenger injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V19.20XA	Unspecified pedal cyclist injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V19.20XD	Unspecified pedal cyclist injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V19.29XA	Unspecified pedal cyclist injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V19.29XD	Unspecified pedal cyclist injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V19.3XXA	Pedal cyclist (driver) (passenger) injured in unspecified nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V19.3XXD	Pedal cyclist (driver) (passenger) injured in unspecified nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V19.40XA	Pedal cycle driver injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V19.40XD	Pedal cycle driver injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V19.49XA	Pedal cycle driver injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V19.49XD	Pedal cycle driver injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V19.50XA	Pedal cycle passenger injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V19.50XD	Pedal cycle passenger injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V19.59XA	Pedal cycle passenger injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V19.59XD	Pedal cycle passenger injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V19.60XA	Unspecified pedal cyclist injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V19.60XD	Unspecified pedal cyclist injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V19.69XA	Unspecified pedal cyclist injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V19.69XD	Unspecified pedal cyclist injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V19.81XA	Pedal cyclist (driver) (passenger) injured in transport accident with military vehicle, initial encounter	Diagnosis	ICD-10-CM
V19.81XD	Pedal cyclist (driver) (passenger) injured in transport accident with military vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V19.88XA	Pedal cyclist (driver) (passenger) injured in other specified transport accidents, initial encounter	Diagnosis	ICD-10-CM
V19.88XD	Pedal cyclist (driver) (passenger) injured in other specified transport accidents, subsequent encounter	Diagnosis	ICD-10-CM
V19.9XXA	Pedal cyclist (driver) (passenger) injured in unspecified traffic accident, initial encounter	Diagnosis	ICD-10-CM
V19.9XXD	Pedal cyclist (driver) (passenger) injured in unspecified traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V20.0XXA	Motorcycle driver injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V20.0XXD	Motorcycle driver injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V20.1XXA	Motorcycle passenger injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V20.1XXD	Motorcycle passenger injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V20.2XXA	Unspecified motorcycle rider injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V20.2XXD	Unspecified motorcycle rider injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V20.3XXA	Person boarding or alighting a motorcycle injured in collision with pedestrian or animal, initial encounter	Diagnosis	ICD-10-CM
V20.3XXD	Person boarding or alighting a motorcycle injured in collision with pedestrian or animal, subsequent encounter	Diagnosis	ICD-10-CM
V20.4XXA	Motorcycle driver injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V20.4XXD	Motorcycle driver injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V20.5XXA	Motorcycle passenger injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V20.5XXD	Motorcycle passenger injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V20.9XXA	Unspecified motorcycle rider injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V20.9XXD	Unspecified motorcycle rider injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V21.0XXA	Motorcycle driver injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V21.0XXD	Motorcycle driver injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V21.1XXA	Motorcycle passenger injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V21.1XXD	Motorcycle passenger injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V21.2XXA	Unspecified motorcycle rider injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V21.2XXD	Unspecified motorcycle rider injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V21.3XXA	Person boarding or alighting a motorcycle injured in collision with pedal cycle, initial encounter	Diagnosis	ICD-10-CM
V21.3XXD	Person boarding or alighting a motorcycle injured in collision with pedal cycle, subsequent encounter	Diagnosis	ICD-10-CM
V21.4XXA	Motorcycle driver injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V21.4XXD	Motorcycle driver injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V21.5XXA	Motorcycle passenger injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V21.5XXD	Motorcycle passenger injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V21.9XXA	Unspecified motorcycle rider injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V21.9XXD	Unspecified motorcycle rider injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V22.0XXA	Motorcycle driver injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V22.0XXD	Motorcycle driver injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V22.1XXA	Motorcycle passenger injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V22.1XXD	Motorcycle passenger injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V22.2XXA	Unspecified motorcycle rider injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V22.2XXD	Unspecified motorcycle rider injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V22.3XXA	Person boarding or alighting a motorcycle injured in collision with two- or three-wheeled motor vehicle, initial encounter	Diagnosis	ICD-10-CM
V22.3XXD	Person boarding or alighting a motorcycle injured in collision with two- or three-wheeled motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V22.4XXA	Motorcycle driver injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V22.4XXD	Motorcycle driver injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V22.5XXA	Motorcycle passenger injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V22.5XXD	Motorcycle passenger injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V22.9XXA	Unspecified motorcycle rider injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V22.9XXD	Unspecified motorcycle rider injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V23.0XXA	Motorcycle driver injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V23.0XXD	Motorcycle driver injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V23.1XXA	Motorcycle passenger injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V23.1XXD	Motorcycle passenger injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V23.2XXA	Unspecified motorcycle rider injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V23.2XXD	Unspecified motorcycle rider injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V23.3XXA	Person boarding or alighting a motorcycle injured in collision with car, pick-up truck or van, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V23.3XXD	Person boarding or alighting a motorcycle injured in collision with car, pick-up truck or van, subsequent encounter	Diagnosis	ICD-10-CM
V23.4XXA	Motorcycle driver injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V23.4XXD	Motorcycle driver injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V23.5XXA	Motorcycle passenger injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V23.5XXD	Motorcycle passenger injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V23.9XXA	Unspecified motorcycle rider injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V23.9XXD	Unspecified motorcycle rider injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V24.0XXA	Motorcycle driver injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V24.0XXD	Motorcycle driver injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V24.1XXA	Motorcycle passenger injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V24.1XXD	Motorcycle passenger injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V24.2XXA	Unspecified motorcycle rider injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V24.2XXD	Unspecified motorcycle rider injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V24.3XXA	Person boarding or alighting a motorcycle injured in collision with heavy transport vehicle or bus, initial encounter	Diagnosis	ICD-10-CM
V24.3XXD	Person boarding or alighting a motorcycle injured in collision with heavy transport vehicle or bus, subsequent encounter	Diagnosis	ICD-10-CM
V24.4XXA	Motorcycle driver injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V24.4XXD	Motorcycle driver injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V24.5XXA	Motorcycle passenger injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V24.5XXD	Motorcycle passenger injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V24.9XXA	Unspecified motorcycle rider injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V24.9XXD	Unspecified motorcycle rider injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V25.0XXA	Motorcycle driver injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V25.0XXD	Motorcycle driver injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V25.1XXA	Motorcycle passenger injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V25.1XXD	Motorcycle passenger injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V25.2XXA	Unspecified motorcycle rider injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V25.2XXD	Unspecified motorcycle rider injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V25.3XXA	Person boarding or alighting a motorcycle injured in collision with railway train or railway vehicle, initial encounter	Diagnosis	ICD-10-CM
V25.3XXD	Person boarding or alighting a motorcycle injured in collision with railway train or railway vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V25.4XXA	Motorcycle driver injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V25.4XXD	Motorcycle driver injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V25.5XXA	Motorcycle passenger injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V25.5XXD	Motorcycle passenger injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V25.9XXA	Unspecified motorcycle rider injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V25.9XXD	Unspecified motorcycle rider injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V26.0XXA	Motorcycle driver injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V26.0XXD	Motorcycle driver injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V26.1XXA	Motorcycle passenger injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V26.1XXD	Motorcycle passenger injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V26.2XXA	Unspecified motorcycle rider injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V26.2XXD	Unspecified motorcycle rider injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V26.3XXA	Person boarding or alighting a motorcycle injured in collision with other nonmotor vehicle, initial encounter	Diagnosis	ICD-10-CM
V26.3XXD	Person boarding or alighting a motorcycle injured in collision with other nonmotor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V26.4XXA	Motorcycle driver injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V26.4XXD	Motorcycle driver injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V26.5XXA	Motorcycle passenger injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V26.5XXD	Motorcycle passenger injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V26.9XXA	Unspecified motorcycle rider injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V26.9XXD	Unspecified motorcycle rider injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V27.0XXA	Motorcycle driver injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V27.0XXD	Motorcycle driver injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V27.1XXA	Motorcycle passenger injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V27.1XXD	Motorcycle passenger injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V27.2XXA	Unspecified motorcycle rider injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V27.2XXD	Unspecified motorcycle rider injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V27.3XXA	Person boarding or alighting a motorcycle injured in collision with fixed or stationary object, initial encounter	Diagnosis	ICD-10-CM
V27.3XXD	Person boarding or alighting a motorcycle injured in collision with fixed or stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V27.4XXA	Motorcycle driver injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V27.4XXD	Motorcycle driver injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V27.5XXA	Motorcycle passenger injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V27.5XXD	Motorcycle passenger injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V27.9XXA	Unspecified motorcycle rider injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V27.9XXD	Unspecified motorcycle rider injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V28.0XXA	Motorcycle driver injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V28.0XXD	Motorcycle driver injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V28.1XXA	Motorcycle passenger injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V28.1XXD	Motorcycle passenger injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V28.2XXA	Unspecified motorcycle rider injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V28.2XXD	Unspecified motorcycle rider injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V28.3XXA	Person boarding or alighting a motorcycle injured in noncollision transport accident, initial encounter	Diagnosis	ICD-10-CM
V28.3XXD	Person boarding or alighting a motorcycle injured in noncollision transport accident, subsequent encounter	Diagnosis	ICD-10-CM
V28.4XXA	Motorcycle driver injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V28.4XXD	Motorcycle driver injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V28.5XXA	Motorcycle passenger injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V28.5XXD	Motorcycle passenger injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V28.9XXA	Unspecified motorcycle rider injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V28.9XXD	Unspecified motorcycle rider injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V29.00XA	Motorcycle driver injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V29.00XD	Motorcycle driver injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V29.09XA	Motorcycle driver injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V29.09XD	Motorcycle driver injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V29.10XA	Motorcycle passenger injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V29.10XD	Motorcycle passenger injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V29.19XA	Motorcycle passenger injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V29.19XD	Motorcycle passenger injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V29.20XA	Unspecified motorcycle rider injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V29.20XD	Unspecified motorcycle rider injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V29.29XA	Unspecified motorcycle rider injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V29.29XD	Unspecified motorcycle rider injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V29.3XXA	Motorcycle rider (driver) (passenger) injured in unspecified nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V29.3XXD	Motorcycle rider (driver) (passenger) injured in unspecified nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V29.40XA	Motorcycle driver injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V29.40XD	Motorcycle driver injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V29.49XA	Motorcycle driver injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V29.49XD	Motorcycle driver injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V29.50XA	Motorcycle passenger injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V29.50XD	Motorcycle passenger injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V29.59XA	Motorcycle passenger injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V29.59XD	Motorcycle passenger injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V29.60XA	Unspecified motorcycle rider injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V29.60XD	Unspecified motorcycle rider injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V29.69XA	Unspecified motorcycle rider injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V29.69XD	Unspecified motorcycle rider injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V29.81XA	Motorcycle rider (driver) (passenger) injured in transport accident with military vehicle, initial encounter	Diagnosis	ICD-10-CM
V29.81XD	Motorcycle rider (driver) (passenger) injured in transport accident with military vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V29.88XA	Motorcycle rider (driver) (passenger) injured in other specified transport accidents, initial encounter	Diagnosis	ICD-10-CM
V29.88XD	Motorcycle rider (driver) (passenger) injured in other specified transport accidents, subsequent encounter	Diagnosis	ICD-10-CM
V29.9XXA	Motorcycle rider (driver) (passenger) injured in unspecified traffic accident, initial encounter	Diagnosis	ICD-10-CM
V29.9XXD	Motorcycle rider (driver) (passenger) injured in unspecified traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V30.0XXA	Driver of three-wheeled motor vehicle injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V30.0XXD	Driver of three-wheeled motor vehicle injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V30.1XXA	Passenger in three-wheeled motor vehicle injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V30.1XXD	Passenger in three-wheeled motor vehicle injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V30.2XXA	Person on outside of three-wheeled motor vehicle injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V30.2XXD	Person on outside of three-wheeled motor vehicle injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V30.3XXA	Unspecified occupant of three-wheeled motor vehicle injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V30.3XXD	Unspecified occupant of three-wheeled motor vehicle injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V30.4XXA	Person boarding or alighting a three-wheeled motor vehicle injured in collision with pedestrian or animal, initial encounter	Diagnosis	ICD-10-CM
V30.4XXD	Person boarding or alighting a three-wheeled motor vehicle injured in collision with pedestrian or animal, subsequent encounter	Diagnosis	ICD-10-CM
V30.5XXA	Driver of three-wheeled motor vehicle injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V30.5XXD	Driver of three-wheeled motor vehicle injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V30.6XXA	Passenger in three-wheeled motor vehicle injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V30.6XXD	Passenger in three-wheeled motor vehicle injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V30.7XXA	Person on outside of three-wheeled motor vehicle injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V30.7XXD	Person on outside of three-wheeled motor vehicle injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V30.9XXA	Unspecified occupant of three-wheeled motor vehicle injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V30.9XXD	Unspecified occupant of three-wheeled motor vehicle injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V31.0XXA	Driver of three-wheeled motor vehicle injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V31.0XXD	Driver of three-wheeled motor vehicle injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V31.1XXA	Passenger in three-wheeled motor vehicle injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V31.1XXD	Passenger in three-wheeled motor vehicle injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V31.2XXA	Person on outside of three-wheeled motor vehicle injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V31.2XXD	Person on outside of three-wheeled motor vehicle injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V31.3XXA	Unspecified occupant of three-wheeled motor vehicle injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V31.3XXD	Unspecified occupant of three-wheeled motor vehicle injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V31.4XXA	Person boarding or alighting a three-wheeled motor vehicle injured in collision with pedal cycle, initial encounter	Diagnosis	ICD-10-CM
V31.4XXD	Person boarding or alighting a three-wheeled motor vehicle injured in collision with pedal cycle, subsequent encounter	Diagnosis	ICD-10-CM
V31.5XXA	Driver of three-wheeled motor vehicle injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V31.5XXD	Driver of three-wheeled motor vehicle injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V31.6XXA	Passenger in three-wheeled motor vehicle injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V31.6XXD	Passenger in three-wheeled motor vehicle injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V31.7XXA	Person on outside of three-wheeled motor vehicle injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V31.7XXD	Person on outside of three-wheeled motor vehicle injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V31.9XXA	Unspecified occupant of three-wheeled motor vehicle injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V31.9XXD	Unspecified occupant of three-wheeled motor vehicle injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V32.0XXA	Driver of three-wheeled motor vehicle injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V32.0XXD	Driver of three-wheeled motor vehicle injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V32.1XXA	Passenger in three-wheeled motor vehicle injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V32.1XXD	Passenger in three-wheeled motor vehicle injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V32.2XXA	Person on outside of three-wheeled motor vehicle injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V32.2XXD	Person on outside of three-wheeled motor vehicle injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V32.3XXA	Unspecified occupant of three-wheeled motor vehicle injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V32.3XXD	Unspecified occupant of three-wheeled motor vehicle injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V32.4XXA	Person boarding or alighting a three-wheeled motor vehicle injured in collision with two- or three-wheeled motor vehicle, initial encounter	Diagnosis	ICD-10-CM
V32.4XXD	Person boarding or alighting a three-wheeled motor vehicle injured in collision with two- or three-wheeled motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V32.5XXA	Driver of three-wheeled motor vehicle injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V32.5XXD	Driver of three-wheeled motor vehicle injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V32.6XXA	Passenger in three-wheeled motor vehicle injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V32.6XXD	Passenger in three-wheeled motor vehicle injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V32.7XXA	Person on outside of three-wheeled motor vehicle injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V32.7XXD	Person on outside of three-wheeled motor vehicle injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V32.9XXA	Unspecified occupant of three-wheeled motor vehicle injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V32.9XXD	Unspecified occupant of three-wheeled motor vehicle injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V33.0XXA	Driver of three-wheeled motor vehicle injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V33.0XXD	Driver of three-wheeled motor vehicle injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V33.1XXA	Passenger in three-wheeled motor vehicle injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V33.1XXD	Passenger in three-wheeled motor vehicle injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V33.2XXA	Person on outside of three-wheeled motor vehicle injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V33.2XXD	Person on outside of three-wheeled motor vehicle injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V33.3XXA	Unspecified occupant of three-wheeled motor vehicle injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V33.3XXD	Unspecified occupant of three-wheeled motor vehicle injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V33.4XXA	Person boarding or alighting a three-wheeled motor vehicle injured in collision with car, pick-up truck or van, initial encounter	Diagnosis	ICD-10-CM
V33.4XXD	Person boarding or alighting a three-wheeled motor vehicle injured in collision with car, pick-up truck or van, subsequent encounter	Diagnosis	ICD-10-CM
V33.5XXA	Driver of three-wheeled motor vehicle injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V33.5XXD	Driver of three-wheeled motor vehicle injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V33.6XXA	Passenger in three-wheeled motor vehicle injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V33.6XXD	Passenger in three-wheeled motor vehicle injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V33.7XXA	Person on outside of three-wheeled motor vehicle injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V33.7XXD	Person on outside of three-wheeled motor vehicle injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V33.9XXA	Unspecified occupant of three-wheeled motor vehicle injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V33.9XXD	Unspecified occupant of three-wheeled motor vehicle injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V34.0XXA	Driver of three-wheeled motor vehicle injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V34.0XXD	Driver of three-wheeled motor vehicle injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V34.1XXA	Passenger in three-wheeled motor vehicle injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V34.1XXD	Passenger in three-wheeled motor vehicle injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V34.2XXA	Person on outside of three-wheeled motor vehicle injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V34.2XXD	Person on outside of three-wheeled motor vehicle injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V34.3XXA	Unspecified occupant of three-wheeled motor vehicle injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V34.3XXD	Unspecified occupant of three-wheeled motor vehicle injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V34.4XXA	Person boarding or alighting a three-wheeled motor vehicle injured in collision with heavy transport vehicle or bus, initial encounter	Diagnosis	ICD-10-CM
V34.4XXD	Person boarding or alighting a three-wheeled motor vehicle injured in collision with heavy transport vehicle or bus, subsequent encounter	Diagnosis	ICD-10-CM
V34.5XXA	Driver of three-wheeled motor vehicle injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V34.5XXD	Driver of three-wheeled motor vehicle injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V34.6XXA	Passenger in three-wheeled motor vehicle injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V34.6XXD	Passenger in three-wheeled motor vehicle injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V34.7XXA	Person on outside of three-wheeled motor vehicle injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V34.7XXD	Person on outside of three-wheeled motor vehicle injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V34.9XXA	Unspecified occupant of three-wheeled motor vehicle injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V34.9XXD	Unspecified occupant of three-wheeled motor vehicle injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V35.0XXA	Driver of three-wheeled motor vehicle injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V35.0XXD	Driver of three-wheeled motor vehicle injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V35.1XXA	Passenger in three-wheeled motor vehicle injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V35.1XXD	Passenger in three-wheeled motor vehicle injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V35.2XXA	Person on outside of three-wheeled motor vehicle injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V35.2XXD	Person on outside of three-wheeled motor vehicle injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V35.3XXA	Unspecified occupant of three-wheeled motor vehicle injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V35.3XXD	Unspecified occupant of three-wheeled motor vehicle injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V35.4XXA	Person boarding or alighting a three-wheeled motor vehicle injured in collision with railway train or railway vehicle, initial encounter	Diagnosis	ICD-10-CM
V35.4XXD	Person boarding or alighting a three-wheeled motor vehicle injured in collision with railway train or railway vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V35.5XXA	Driver of three-wheeled motor vehicle injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V35.5XXD	Driver of three-wheeled motor vehicle injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V35.6XXA	Passenger in three-wheeled motor vehicle injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V35.6XXD	Passenger in three-wheeled motor vehicle injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V35.7XXA	Person on outside of three-wheeled motor vehicle injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V35.7XXD	Person on outside of three-wheeled motor vehicle injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V35.9XXA	Unspecified occupant of three-wheeled motor vehicle injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V35.9XXD	Unspecified occupant of three-wheeled motor vehicle injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V36.0XXA	Driver of three-wheeled motor vehicle injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V36.0XXD	Driver of three-wheeled motor vehicle injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V36.1XXA	Passenger in three-wheeled motor vehicle injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V36.1XXD	Passenger in three-wheeled motor vehicle injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V36.2XXA	Person on outside of three-wheeled motor vehicle injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V36.2XXD	Person on outside of three-wheeled motor vehicle injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V36.3XXA	Unspecified occupant of three-wheeled motor vehicle injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V36.3XXD	Unspecified occupant of three-wheeled motor vehicle injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V36.4XXA	Person boarding or alighting a three-wheeled motor vehicle injured in collision with other nonmotor vehicle, initial encounter	Diagnosis	ICD-10-CM
V36.4XXD	Person boarding or alighting a three-wheeled motor vehicle injured in collision with other nonmotor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V36.5XXA	Driver of three-wheeled motor vehicle injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V36.5XXD	Driver of three-wheeled motor vehicle injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V36.6XXA	Passenger in three-wheeled motor vehicle injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V36.6XXD	Passenger in three-wheeled motor vehicle injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V36.7XXA	Person on outside of three-wheeled motor vehicle injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V36.7XXD	Person on outside of three-wheeled motor vehicle injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V36.9XXA	Unspecified occupant of three-wheeled motor vehicle injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V36.9XXD	Unspecified occupant of three-wheeled motor vehicle injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V37.0XXA	Driver of three-wheeled motor vehicle injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V37.0XXD	Driver of three-wheeled motor vehicle injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V37.1XXA	Passenger in three-wheeled motor vehicle injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V37.1XXD	Passenger in three-wheeled motor vehicle injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V37.2XXA	Person on outside of three-wheeled motor vehicle injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V37.2XXD	Person on outside of three-wheeled motor vehicle injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V37.3XXA	Unspecified occupant of three-wheeled motor vehicle injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V37.3XXD	Unspecified occupant of three-wheeled motor vehicle injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V37.4XXA	Person boarding or alighting a three-wheeled motor vehicle injured in collision with fixed or stationary object, initial encounter	Diagnosis	ICD-10-CM
V37.4XXD	Person boarding or alighting a three-wheeled motor vehicle injured in collision with fixed or stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V37.5XXA	Driver of three-wheeled motor vehicle injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V37.5XXD	Driver of three-wheeled motor vehicle injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V37.6XXA	Passenger in three-wheeled motor vehicle injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V37.6XXD	Passenger in three-wheeled motor vehicle injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V37.7XXA	Person on outside of three-wheeled motor vehicle injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V37.7XXD	Person on outside of three-wheeled motor vehicle injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V37.9XXA	Unspecified occupant of three-wheeled motor vehicle injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V37.9XXD	Unspecified occupant of three-wheeled motor vehicle injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V38.0XXA	Driver of three-wheeled motor vehicle injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V38.0XXD	Driver of three-wheeled motor vehicle injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V38.1XXA	Passenger in three-wheeled motor vehicle injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V38.1XXD	Passenger in three-wheeled motor vehicle injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V38.2XXA	Person on outside of three-wheeled motor vehicle injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V38.2XXD	Person on outside of three-wheeled motor vehicle injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V38.3XXA	Unspecified occupant of three-wheeled motor vehicle injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V38.3XXD	Unspecified occupant of three-wheeled motor vehicle injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V38.4XXA	Person boarding or alighting a three-wheeled motor vehicle injured in noncollision transport accident, initial encounter	Diagnosis	ICD-10-CM
V38.4XXD	Person boarding or alighting a three-wheeled motor vehicle injured in noncollision transport accident, subsequent encounter	Diagnosis	ICD-10-CM
V38.5XXA	Driver of three-wheeled motor vehicle injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V38.5XXD	Driver of three-wheeled motor vehicle injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V38.6XXA	Passenger in three-wheeled motor vehicle injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V38.6XXD	Passenger in three-wheeled motor vehicle injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V38.7XXA	Person on outside of three-wheeled motor vehicle injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V38.7XXD	Person on outside of three-wheeled motor vehicle injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V38.9XXA	Unspecified occupant of three-wheeled motor vehicle injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V38.9XXD	Unspecified occupant of three-wheeled motor vehicle injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V39.00XA	Driver of three-wheeled motor vehicle injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V39.00XD	Driver of three-wheeled motor vehicle injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V39.09XA	Driver of three-wheeled motor vehicle injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V39.09XD	Driver of three-wheeled motor vehicle injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V39.10XA	Passenger in three-wheeled motor vehicle injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V39.10XD	Passenger in three-wheeled motor vehicle injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V39.19XA	Passenger in three-wheeled motor vehicle injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V39.19XD	Passenger in three-wheeled motor vehicle injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V39.20XA	Unspecified occupant of three-wheeled motor vehicle injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V39.20XD	Unspecified occupant of three-wheeled motor vehicle injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V39.29XA	Unspecified occupant of three-wheeled motor vehicle injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V39.29XD	Unspecified occupant of three-wheeled motor vehicle injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V39.3XXA	Occupant (driver) (passenger) of three-wheeled motor vehicle injured in unspecified nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V39.3XXD	Occupant (driver) (passenger) of three-wheeled motor vehicle injured in unspecified nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V39.40XA	Driver of three-wheeled motor vehicle injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V39.40XD	Driver of three-wheeled motor vehicle injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V39.49XA	Driver of three-wheeled motor vehicle injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V39.49XD	Driver of three-wheeled motor vehicle injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V39.50XA	Passenger in three-wheeled motor vehicle injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V39.50XD	Passenger in three-wheeled motor vehicle injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V39.59XA	Passenger in three-wheeled motor vehicle injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V39.59XD	Passenger in three-wheeled motor vehicle injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V39.60XA	Unspecified occupant of three-wheeled motor vehicle injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V39.60XD	Unspecified occupant of three-wheeled motor vehicle injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V39.69XA	Unspecified occupant of three-wheeled motor vehicle injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V39.69XD	Unspecified occupant of three-wheeled motor vehicle injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V39.81XA	Occupant (driver) (passenger) of three-wheeled motor vehicle injured in transport accident with military vehicle, initial encounter	Diagnosis	ICD-10-CM
V39.81XD	Occupant (driver) (passenger) of three-wheeled motor vehicle injured in transport accident with military vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V39.89XA	Occupant (driver) (passenger) of three-wheeled motor vehicle injured in other specified transport accidents, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V39.89XD	Occupant (driver) (passenger) of three-wheeled motor vehicle injured in other specified transport accidents, subsequent encounter	Diagnosis	ICD-10-CM
V39.9XXA	Occupant (driver) (passenger) of three-wheeled motor vehicle injured in unspecified traffic accident, initial encounter	Diagnosis	ICD-10-CM
V39.9XXD	Occupant (driver) (passenger) of three-wheeled motor vehicle injured in unspecified traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V40.0XXA	Car driver injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V40.0XXD	Car driver injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V40.1XXA	Car passenger injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V40.1XXD	Car passenger injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V40.2XXA	Person on outside of car injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V40.2XXD	Person on outside of car injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V40.3XXA	Unspecified car occupant injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V40.3XXD	Unspecified car occupant injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V40.4XXA	Person boarding or alighting a car injured in collision with pedestrian or animal, initial encounter	Diagnosis	ICD-10-CM
V40.4XXD	Person boarding or alighting a car injured in collision with pedestrian or animal, subsequent encounter	Diagnosis	ICD-10-CM
V40.5XXA	Car driver injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V40.5XXD	Car driver injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V40.6XXA	Car passenger injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V40.6XXD	Car passenger injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V40.7XXA	Person on outside of car injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V40.7XXD	Person on outside of car injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V40.9XXA	Unspecified car occupant injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V40.9XXD	Unspecified car occupant injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V41.0XXA	Car driver injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V41.0XXD	Car driver injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V41.1XXA	Car passenger injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V41.1XXD	Car passenger injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V41.2XXA	Person on outside of car injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V41.2XXD	Person on outside of car injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V41.3XXA	Unspecified car occupant injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V41.3XXD	Unspecified car occupant injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V41.4XXA	Person boarding or alighting a car injured in collision with pedal cycle, initial encounter	Diagnosis	ICD-10-CM
V41.4XXD	Person boarding or alighting a car injured in collision with pedal cycle, subsequent encounter	Diagnosis	ICD-10-CM
V41.5XXA	Car driver injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V41.5XXD	Car driver injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V41.6XXA	Car passenger injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V41.6XXD	Car passenger injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V41.7XXA	Person on outside of car injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V41.7XXD	Person on outside of car injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V41.9XXA	Unspecified car occupant injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V41.9XXD	Unspecified car occupant injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V42.0XXA	Car driver injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V42.0XXD	Car driver injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V42.1XXA	Car passenger injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V42.1XXD	Car passenger injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V42.2XXA	Person on outside of car injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V42.2XXD	Person on outside of car injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V42.3XXA	Unspecified car occupant injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V42.3XXD	Unspecified car occupant injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V42.4XXA	Person boarding or alighting a car injured in collision with two- or three-wheeled motor vehicle, initial encounter	Diagnosis	ICD-10-CM
V42.4XXD	Person boarding or alighting a car injured in collision with two- or three-wheeled motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V42.5XXA	Car driver injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V42.5XXD	Car driver injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V42.6XXA	Car passenger injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V42.6XXD	Car passenger injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V42.7XXA	Person on outside of car injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V42.7XXD	Person on outside of car injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V42.9XXA	Unspecified car occupant injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V42.9XXD	Unspecified car occupant injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.01XA	Car driver injured in collision with sport utility vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.01XD	Car driver injured in collision with sport utility vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.02XA	Car driver injured in collision with other type car in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V43.02XD	Car driver injured in collision with other type car in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.03XA	Car driver injured in collision with pick-up truck in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.03XD	Car driver injured in collision with pick-up truck in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.04XA	Car driver injured in collision with van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.04XD	Car driver injured in collision with van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.11XA	Car passenger injured in collision with sport utility vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.11XD	Car passenger injured in collision with sport utility vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.12XA	Car passenger injured in collision with other type car in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.12XD	Car passenger injured in collision with other type car in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.13XA	Car passenger injured in collision with pick-up in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.13XD	Car passenger injured in collision with pick-up in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.14XA	Car passenger injured in collision with van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.14XD	Car passenger injured in collision with van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.21XA	Person on outside of car injured in collision with sport utility vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.21XD	Person on outside of car injured in collision with sport utility vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.22XA	Person on outside of car injured in collision with other type car in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.22XD	Person on outside of car injured in collision with other type car in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.23XA	Person on outside of car injured in collision with pick-up truck in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.23XD	Person on outside of car injured in collision with pick-up truck in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.24XA	Person on outside of car injured in collision with van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.24XD	Person on outside of car injured in collision with van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V43.31XA	Unspecified car occupant injured in collision with sport utility vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.31XD	Unspecified car occupant injured in collision with sport utility vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.32XA	Unspecified car occupant injured in collision with other type car in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.32XD	Unspecified car occupant injured in collision with other type car in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.33XA	Unspecified car occupant injured in collision with pick-up truck in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.33XD	Unspecified car occupant injured in collision with pick-up truck in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.34XA	Unspecified car occupant injured in collision with van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.34XD	Unspecified car occupant injured in collision with van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.41XA	Person boarding or alighting a car injured in collision with sport utility vehicle, initial encounter	Diagnosis	ICD-10-CM
V43.41XD	Person boarding or alighting a car injured in collision with sport utility vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V43.42XA	Person boarding or alighting a car injured in collision with other type car, initial encounter	Diagnosis	ICD-10-CM
V43.42XD	Person boarding or alighting a car injured in collision with other type car, subsequent encounter	Diagnosis	ICD-10-CM
V43.43XA	Person boarding or alighting a car injured in collision with pick-up truck, initial encounter	Diagnosis	ICD-10-CM
V43.43XD	Person boarding or alighting a car injured in collision with pick-up truck, subsequent encounter	Diagnosis	ICD-10-CM
V43.44XA	Person boarding or alighting a car injured in collision with van, initial encounter	Diagnosis	ICD-10-CM
V43.44XD	Person boarding or alighting a car injured in collision with van, subsequent encounter	Diagnosis	ICD-10-CM
V43.51XA	Car driver injured in collision with sport utility vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.51XD	Car driver injured in collision with sport utility vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.52XA	Car driver injured in collision with other type car in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.52XD	Car driver injured in collision with other type car in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.53XA	Car driver injured in collision with pick-up truck in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V43.53XD	Car driver injured in collision with pick-up truck in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.54XA	Car driver injured in collision with van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.54XD	Car driver injured in collision with van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.61XA	Car passenger injured in collision with sport utility vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.61XD	Car passenger injured in collision with sport utility vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.62XA	Car passenger injured in collision with other type car in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.62XD	Car passenger injured in collision with other type car in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.63XA	Car passenger injured in collision with pick-up truck in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.63XD	Car passenger injured in collision with pick-up truck in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.64XA	Car passenger injured in collision with van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.64XD	Car passenger injured in collision with van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.71XA	Person on outside of car injured in collision with sport utility vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.71XD	Person on outside of car injured in collision with sport utility vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.72XA	Person on outside of car injured in collision with other type car in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.72XD	Person on outside of car injured in collision with other type car in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.73XA	Person on outside of car injured in collision with pick-up truck in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.73XD	Person on outside of car injured in collision with pick-up truck in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.74XA	Person on outside of car injured in collision with van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.74XD	Person on outside of car injured in collision with van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.91XA	Unspecified car occupant injured in collision with sport utility vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.91XD	Unspecified car occupant injured in collision with sport utility vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.92XA	Unspecified car occupant injured in collision with other type car in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V43.92XD	Unspecified car occupant injured in collision with other type car in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.93XA	Unspecified car occupant injured in collision with pick-up truck in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.93XD	Unspecified car occupant injured in collision with pick-up truck in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V43.94XA	Unspecified car occupant injured in collision with van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V43.94XD	Unspecified car occupant injured in collision with van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V44.0XXA	Car driver injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V44.0XXD	Car driver injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V44.1XXA	Car passenger injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V44.1XXD	Car passenger injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V44.2XXA	Person on outside of car injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V44.2XXD	Person on outside of car injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V44.3XXA	Unspecified car occupant injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V44.3XXD	Unspecified car occupant injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V44.4XXA	Person boarding or alighting a car injured in collision with heavy transport vehicle or bus, initial encounter	Diagnosis	ICD-10-CM
V44.4XXD	Person boarding or alighting a car injured in collision with heavy transport vehicle or bus, subsequent encounter	Diagnosis	ICD-10-CM
V44.5XXA	Car driver injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V44.5XXD	Car driver injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V44.6XXA	Car passenger injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V44.6XXD	Car passenger injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V44.7XXA	Person on outside of car injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V44.7XXD	Person on outside of car injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V44.9XXA	Unspecified car occupant injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V44.9XXD	Unspecified car occupant injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V45.0XXA	Car driver injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V45.0XXD	Car driver injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V45.1XXA	Car passenger injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V45.1XXD	Car passenger injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V45.2XXA	Person on outside of car injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V45.2XXD	Person on outside of car injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V45.3XXA	Unspecified car occupant injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V45.3XXD	Unspecified car occupant injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V45.4XXA	Person boarding or alighting a car injured in collision with railway train or railway vehicle, initial encounter	Diagnosis	ICD-10-CM
V45.4XXD	Person boarding or alighting a car injured in collision with railway train or railway vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V45.5XXA	Car driver injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V45.5XXD	Car driver injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V45.6XXA	Car passenger injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V45.6XXD	Car passenger injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V45.7XXA	Person on outside of car injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V45.7XXD	Person on outside of car injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V45.9XXA	Unspecified car occupant injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V45.9XXD	Unspecified car occupant injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V46.0XXA	Car driver injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V46.0XXD	Car driver injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V46.1XXA	Car passenger injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V46.1XXD	Car passenger injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V46.2XXA	Person on outside of car injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V46.2XXD	Person on outside of car injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V46.3XXA	Unspecified car occupant injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V46.3XXD	Unspecified car occupant injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V46.4XXA	Person boarding or alighting a car injured in collision with other nonmotor vehicle, initial encounter	Diagnosis	ICD-10-CM
V46.4XXD	Person boarding or alighting a car injured in collision with other nonmotor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V46.5XXA	Car driver injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V46.5XXD	Car driver injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V46.6XXA	Car passenger injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V46.6XXD	Car passenger injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V46.7XXA	Person on outside of car injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V46.7XXD	Person on outside of car injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V46.9XXA	Unspecified car occupant injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V46.9XXD	Unspecified car occupant injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V47.0XXA	Car driver injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V47.0XXD	Car driver injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V47.1XXA	Car passenger injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V47.1XXD	Car passenger injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V47.2XXA	Person on outside of car injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V47.2XXD	Person on outside of car injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V47.3XXA	Unspecified car occupant injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V47.3XXD	Unspecified car occupant injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V47.4XXA	Person boarding or alighting a car injured in collision with fixed or stationary object, initial encounter	Diagnosis	ICD-10-CM
V47.4XXD	Person boarding or alighting a car injured in collision with fixed or stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V47.5XXA	Car driver injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V47.5XXD	Car driver injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V47.6XXA	Car passenger injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V47.6XXD	Car passenger injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V47.7XXA	Person on outside of car injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V47.7XXD	Person on outside of car injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V47.9XXA	Unspecified car occupant injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V47.9XXD	Unspecified car occupant injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V48.0XXA	Car driver injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V48.0XXD	Car driver injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V48.1XXA	Car passenger injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V48.1XXD	Car passenger injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V48.2XXA	Person on outside of car injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V48.2XXD	Person on outside of car injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V48.3XXA	Unspecified car occupant injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V48.3XXD	Unspecified car occupant injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V48.4XXA	Person boarding or alighting a car injured in noncollision transport accident, initial encounter	Diagnosis	ICD-10-CM
V48.4XXD	Person boarding or alighting a car injured in noncollision transport accident, subsequent encounter	Diagnosis	ICD-10-CM
V48.5XXA	Car driver injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V48.5XXD	Car driver injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V48.6XXA	Car passenger injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V48.6XXD	Car passenger injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V48.7XXA	Person on outside of car injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V48.7XXD	Person on outside of car injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V48.9XXA	Unspecified car occupant injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V48.9XXD	Unspecified car occupant injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V49.00XA	Driver injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V49.00XD	Driver injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V49.09XA	Driver injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V49.09XD	Driver injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V49.10XA	Passenger injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V49.10XD	Passenger injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V49.19XA	Passenger injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V49.19XD	Passenger injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V49.20XA	Unspecified car occupant injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V49.20XD	Unspecified car occupant injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V49.29XA	Unspecified car occupant injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V49.29XD	Unspecified car occupant injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V49.3XXA	Car occupant (driver) (passenger) injured in unspecified nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V49.3XXD	Car occupant (driver) (passenger) injured in unspecified nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V49.40XA	Driver injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V49.40XD	Driver injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V49.49XA	Driver injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V49.49XD	Driver injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V49.50XA	Passenger injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V49.50XD	Passenger injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V49.59XA	Passenger injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V49.59XD	Passenger injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V49.60XA	Unspecified car occupant injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V49.60XD	Unspecified car occupant injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V49.69XA	Unspecified car occupant injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V49.69XD	Unspecified car occupant injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V49.81XA	Car occupant (driver) (passenger) injured in transport accident with military vehicle, initial encounter	Diagnosis	ICD-10-CM
V49.81XD	Car occupant (driver) (passenger) injured in transport accident with military vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V49.88XA	Car occupant (driver) (passenger) injured in other specified transport accidents, initial encounter	Diagnosis	ICD-10-CM
V49.88XD	Car occupant (driver) (passenger) injured in other specified transport accidents, subsequent encounter	Diagnosis	ICD-10-CM
V49.9XXA	Car occupant (driver) (passenger) injured in unspecified traffic accident, initial encounter	Diagnosis	ICD-10-CM
V49.9XXD	Car occupant (driver) (passenger) injured in unspecified traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V50.0XXA	Driver of pick-up truck or van injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V50.0XXD	Driver of pick-up truck or van injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V50.1XXA	Passenger in pick-up truck or van injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V50.1XXD	Passenger in pick-up truck or van injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V50.2XXA	Person on outside of pick-up truck or van injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V50.2XXD	Person on outside of pick-up truck or van injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V50.3XXA	Unspecified occupant of pick-up truck or van injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V50.3XXD	Unspecified occupant of pick-up truck or van injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V50.4XXA	Person boarding or alighting a pick-up truck or van injured in collision with pedestrian or animal, initial encounter	Diagnosis	ICD-10-CM
V50.4XXD	Person boarding or alighting a pick-up truck or van injured in collision with pedestrian or animal, subsequent encounter	Diagnosis	ICD-10-CM
V50.5XXA	Driver of pick-up truck or van injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V50.5XXD	Driver of pick-up truck or van injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V50.6XXA	Passenger in pick-up truck or van injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V50.6XXD	Passenger in pick-up truck or van injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V50.7XXA	Person on outside of pick-up truck or van injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V50.7XXD	Person on outside of pick-up truck or van injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V50.9XXA	Unspecified occupant of pick-up truck or van injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V50.9XXD	Unspecified occupant of pick-up truck or van injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V51.0XXA	Driver of pick-up truck or van injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V51.0XXD	Driver of pick-up truck or van injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V51.1XXA	Passenger in pick-up truck or van injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V51.1XXD	Passenger in pick-up truck or van injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V51.2XXA	Person on outside of pick-up truck or van injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V51.2XXD	Person on outside of pick-up truck or van injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V51.3XXA	Unspecified occupant of pick-up truck or van injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V51.3XXD	Unspecified occupant of pick-up truck or van injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V51.4XXA	Person boarding or alighting a pick-up truck or van injured in collision with pedal cycle, initial encounter	Diagnosis	ICD-10-CM
V51.4XXD	Person boarding or alighting a pick-up truck or van injured in collision with pedal cycle, subsequent encounter	Diagnosis	ICD-10-CM
V51.5XXA	Driver of pick-up truck or van injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V51.5XXD	Driver of pick-up truck or van injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V51.6XXA	Passenger in pick-up truck or van injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V51.6XXD	Passenger in pick-up truck or van injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V51.7XXA	Person on outside of pick-up truck or van injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V51.7XXD	Person on outside of pick-up truck or van injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V51.9XXA	Unspecified occupant of pick-up truck or van injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V51.9XXD	Unspecified occupant of pick-up truck or van injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V52.0XXA	Driver of pick-up truck or van injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V52.0XXD	Driver of pick-up truck or van injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V52.1XXA	Passenger in pick-up truck or van injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V52.1XXD	Passenger in pick-up truck or van injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V52.2XXA	Person on outside of pick-up truck or van injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V52.2XXD	Person on outside of pick-up truck or van injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V52.3XXA	Unspecified occupant of pick-up truck or van injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V52.3XXD	Unspecified occupant of pick-up truck or van injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V52.4XXA	Person boarding or alighting a pick-up truck or van injured in collision with two- or three-wheeled motor vehicle, initial encounter	Diagnosis	ICD-10-CM
V52.4XXD	Person boarding or alighting a pick-up truck or van injured in collision with two- or three-wheeled motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V52.5XXA	Driver of pick-up truck or van injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V52.5XXD	Driver of pick-up truck or van injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V52.6XXA	Passenger in pick-up truck or van injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V52.6XXD	Passenger in pick-up truck or van injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V52.7XXA	Person on outside of pick-up truck or van injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V52.7XXD	Person on outside of pick-up truck or van injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V52.9XXA	Unspecified occupant of pick-up truck or van injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V52.9XXD	Unspecified occupant of pick-up truck or van injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V53.0XXA	Driver of pick-up truck or van injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V53.0XXD	Driver of pick-up truck or van injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V53.1XXA	Passenger in pick-up truck or van injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V53.1XXD	Passenger in pick-up truck or van injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V53.2XXA	Person on outside of pick-up truck or van injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V53.2XXD	Person on outside of pick-up truck or van injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V53.3XXA	Unspecified occupant of pick-up truck or van injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V53.3XXD	Unspecified occupant of pick-up truck or van injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V53.4XXA	Person boarding or alighting a pick-up truck or van injured in collision with car, pick-up truck or van, initial encounter	Diagnosis	ICD-10-CM
V53.4XXD	Person boarding or alighting a pick-up truck or van injured in collision with car, pick-up truck or van, subsequent encounter	Diagnosis	ICD-10-CM
V53.5XXA	Driver of pick-up truck or van injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V53.5XXD	Driver of pick-up truck or van injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V53.6XXA	Passenger in pick-up truck or van injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V53.6XXD	Passenger in pick-up truck or van injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V53.7XXA	Person on outside of pick-up truck or van injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V53.7XXD	Person on outside of pick-up truck or van injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V53.9XXA	Unspecified occupant of pick-up truck or van injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V53.9XXD	Unspecified occupant of pick-up truck or van injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V54.0XXA	Driver of pick-up truck or van injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V54.0XXD	Driver of pick-up truck or van injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V54.1XXA	Passenger in pick-up truck or van injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V54.1XXD	Passenger in pick-up truck or van injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V54.2XXA	Person on outside of pick-up truck or van injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V54.2XXD	Person on outside of pick-up truck or van injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V54.3XXA	Unspecified occupant of pick-up truck or van injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V54.3XXD	Unspecified occupant of pick-up truck or van injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V54.4XXA	Person boarding or alighting a pick-up truck or van injured in collision with heavy transport vehicle or bus, initial encounter	Diagnosis	ICD-10-CM
V54.4XXD	Person boarding or alighting a pick-up truck or van injured in collision with heavy transport vehicle or bus, subsequent encounter	Diagnosis	ICD-10-CM
V54.5XXA	Driver of pick-up truck or van injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V54.5XXD	Driver of pick-up truck or van injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V54.6XXA	Passenger in pick-up truck or van injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V54.6XXD	Passenger in pick-up truck or van injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V54.7XXA	Person on outside of pick-up truck or van injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V54.7XXD	Person on outside of pick-up truck or van injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V54.9XXA	Unspecified occupant of pick-up truck or van injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V54.9XXD	Unspecified occupant of pick-up truck or van injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V55.0XXA	Driver of pick-up truck or van injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V55.0XXD	Driver of pick-up truck or van injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V55.1XXA	Passenger in pick-up truck or van injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V55.1XXD	Passenger in pick-up truck or van injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V55.2XXA	Person on outside of pick-up truck or van injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V55.2XXD	Person on outside of pick-up truck or van injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V55.3XXA	Unspecified occupant of pick-up truck or van injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V55.3XXD	Unspecified occupant of pick-up truck or van injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V55.4XXA	Person boarding or alighting a pick-up truck or van injured in collision with railway train or railway vehicle, initial encounter	Diagnosis	ICD-10-CM
V55.4XXD	Person boarding or alighting a pick-up truck or van injured in collision with railway train or railway vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V55.5XXA	Driver of pick-up truck or van injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V55.5XXD	Driver of pick-up truck or van injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V55.6XXA	Passenger in pick-up truck or van injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V55.6XXD	Passenger in pick-up truck or van injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V55.7XXA	Person on outside of pick-up truck or van injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V55.7XXD	Person on outside of pick-up truck or van injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V55.9XXA	Unspecified occupant of pick-up truck or van injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V55.9XXD	Unspecified occupant of pick-up truck or van injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V56.0XXA	Driver of pick-up truck or van injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V56.0XXD	Driver of pick-up truck or van injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V56.1XXA	Passenger in pick-up truck or van injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V56.1XXD	Passenger in pick-up truck or van injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V56.2XXA	Person on outside of pick-up truck or van injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V56.2XXD	Person on outside of pick-up truck or van injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V56.3XXA	Unspecified occupant of pick-up truck or van injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V56.3XXD	Unspecified occupant of pick-up truck or van injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V56.4XXA	Person boarding or alighting a pick-up truck or van injured in collision with other nonmotor vehicle, initial encounter	Diagnosis	ICD-10-CM
V56.4XXD	Person boarding or alighting a pick-up truck or van injured in collision with other nonmotor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V56.5XXA	Driver of pick-up truck or van injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V56.5XXD	Driver of pick-up truck or van injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V56.6XXA	Passenger in pick-up truck or van injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V56.6XXD	Passenger in pick-up truck or van injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V56.7XXA	Person on outside of pick-up truck or van injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V56.7XXD	Person on outside of pick-up truck or van injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V56.9XXA	Unspecified occupant of pick-up truck or van injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V56.9XXD	Unspecified occupant of pick-up truck or van injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V57.0XXA	Driver of pick-up truck or van injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V57.0XXD	Driver of pick-up truck or van injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V57.1XXA	Passenger in pick-up truck or van injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V57.1XXD	Passenger in pick-up truck or van injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V57.2XXA	Person on outside of pick-up truck or van injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V57.2XXD	Person on outside of pick-up truck or van injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V57.3XXA	Unspecified occupant of pick-up truck or van injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V57.3XXD	Unspecified occupant of pick-up truck or van injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V57.4XXA	Person boarding or alighting a pick-up truck or van injured in collision with fixed or stationary object, initial encounter	Diagnosis	ICD-10-CM
V57.4XXD	Person boarding or alighting a pick-up truck or van injured in collision with fixed or stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V57.5XXA	Driver of pick-up truck or van injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V57.5XXD	Driver of pick-up truck or van injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V57.6XXA	Passenger in pick-up truck or van injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V57.6XXD	Passenger in pick-up truck or van injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V57.7XXA	Person on outside of pick-up truck or van injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V57.7XXD	Person on outside of pick-up truck or van injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V57.9XXA	Unspecified occupant of pick-up truck or van injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V57.9XXD	Unspecified occupant of pick-up truck or van injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V58.0XXA	Driver of pick-up truck or van injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V58.0XXD	Driver of pick-up truck or van injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V58.1XXA	Passenger in pick-up truck or van injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V58.1XXD	Passenger in pick-up truck or van injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V58.2XXA	Person on outside of pick-up truck or van injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V58.2XXD	Person on outside of pick-up truck or van injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V58.3XXA	Unspecified occupant of pick-up truck or van injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V58.3XXD	Unspecified occupant of pick-up truck or van injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V58.4XXA	Person boarding or alighting a pick-up truck or van injured in noncollision transport accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V58.4XXD	Person boarding or alighting a pick-up truck or van injured in noncollision transport accident, subsequent encounter	Diagnosis	ICD-10-CM
V58.5XXA	Driver of pick-up truck or van injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V58.5XXD	Driver of pick-up truck or van injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V58.6XXA	Passenger in pick-up truck or van injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V58.6XXD	Passenger in pick-up truck or van injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V58.7XXA	Person on outside of pick-up truck or van injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V58.7XXD	Person on outside of pick-up truck or van injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V58.9XXA	Unspecified occupant of pick-up truck or van injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V58.9XXD	Unspecified occupant of pick-up truck or van injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V59.00XA	Driver of pick-up truck or van injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V59.00XD	Driver of pick-up truck or van injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V59.09XA	Driver of pick-up truck or van injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V59.09XD	Driver of pick-up truck or van injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V59.10XA	Passenger in pick-up truck or van injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V59.10XD	Passenger in pick-up truck or van injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V59.19XA	Passenger in pick-up truck or van injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V59.19XD	Passenger in pick-up truck or van injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V59.20XA	Unspecified occupant of pick-up truck or van injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V59.20XD	Unspecified occupant of pick-up truck or van injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V59.29XA	Unspecified occupant of pick-up truck or van injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V59.29XD	Unspecified occupant of pick-up truck or van injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V59.3XXA	Occupant (driver) (passenger) of pick-up truck or van injured in unspecified nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V59.3XXD	Occupant (driver) (passenger) of pick-up truck or van injured in unspecified nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V59.40XA	Driver of pick-up truck or van injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V59.40XD	Driver of pick-up truck or van injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V59.49XA	Driver of pick-up truck or van injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V59.49XD	Driver of pick-up truck or van injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V59.50XA	Passenger in pick-up truck or van injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V59.50XD	Passenger in pick-up truck or van injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V59.59XA	Passenger in pick-up truck or van injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V59.59XD	Passenger in pick-up truck or van injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V59.60XA	Unspecified occupant of pick-up truck or van injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V59.60XD	Unspecified occupant of pick-up truck or van injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V59.69XA	Unspecified occupant of pick-up truck or van injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V59.69XD	Unspecified occupant of pick-up truck or van injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V59.81XA	Occupant (driver) (passenger) of pick-up truck or van injured in transport accident with military vehicle, initial encounter	Diagnosis	ICD-10-CM
V59.81XD	Occupant (driver) (passenger) of pick-up truck or van injured in transport accident with military vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V59.88XA	Occupant (driver) (passenger) of pick-up truck or van injured in other specified transport accidents, initial encounter	Diagnosis	ICD-10-CM
V59.88XD	Occupant (driver) (passenger) of pick-up truck or van injured in other specified transport accidents, subsequent encounter	Diagnosis	ICD-10-CM
V59.9XXA	Occupant (driver) (passenger) of pick-up truck or van injured in unspecified traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V59.9XXD	Occupant (driver) (passenger) of pick-up truck or van injured in unspecified traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V60.0XXA	Driver of heavy transport vehicle injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V60.0XXD	Driver of heavy transport vehicle injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V60.1XXA	Passenger in heavy transport vehicle injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V60.1XXD	Passenger in heavy transport vehicle injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V60.2XXA	Person on outside of heavy transport vehicle injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V60.2XXD	Person on outside of heavy transport vehicle injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V60.3XXA	Unspecified occupant of heavy transport vehicle injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V60.3XXD	Unspecified occupant of heavy transport vehicle injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V60.4XXA	Person boarding or alighting a heavy transport vehicle injured in collision with pedestrian or animal, initial encounter	Diagnosis	ICD-10-CM
V60.4XXD	Person boarding or alighting a heavy transport vehicle injured in collision with pedestrian or animal, subsequent encounter	Diagnosis	ICD-10-CM
V60.5XXA	Driver of heavy transport vehicle injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V60.5XXD	Driver of heavy transport vehicle injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V60.6XXA	Passenger in heavy transport vehicle injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V60.6XXD	Passenger in heavy transport vehicle injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V60.7XXA	Person on outside of heavy transport vehicle injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V60.7XXD	Person on outside of heavy transport vehicle injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V60.9XXA	Unspecified occupant of heavy transport vehicle injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V60.9XXD	Unspecified occupant of heavy transport vehicle injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V61.0XXA	Driver of heavy transport vehicle injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V61.0XXD	Driver of heavy transport vehicle injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V61.1XXA	Passenger in heavy transport vehicle injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V61.1XXD	Passenger in heavy transport vehicle injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V61.2XXA	Person on outside of heavy transport vehicle injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V61.2XXD	Person on outside of heavy transport vehicle injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V61.3XXA	Unspecified occupant of heavy transport vehicle injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V61.3XXD	Unspecified occupant of heavy transport vehicle injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V61.4XXA	Person boarding or alighting a heavy transport vehicle injured in collision with pedal cycle while boarding or alighting, initial encounter	Diagnosis	ICD-10-CM
V61.4XXD	Person boarding or alighting a heavy transport vehicle injured in collision with pedal cycle while boarding or alighting, subsequent encounter	Diagnosis	ICD-10-CM
V61.5XXA	Driver of heavy transport vehicle injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V61.5XXD	Driver of heavy transport vehicle injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V61.6XXA	Passenger in heavy transport vehicle injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V61.6XXD	Passenger in heavy transport vehicle injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V61.7XXA	Person on outside of heavy transport vehicle injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V61.7XXD	Person on outside of heavy transport vehicle injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V61.9XXA	Unspecified occupant of heavy transport vehicle injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V61.9XXD	Unspecified occupant of heavy transport vehicle injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V62.0XXA	Driver of heavy transport vehicle injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V62.0XXD	Driver of heavy transport vehicle injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V62.1XXA	Passenger in heavy transport vehicle injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V62.1XXD	Passenger in heavy transport vehicle injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V62.2XXA	Person on outside of heavy transport vehicle injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V62.2XXD	Person on outside of heavy transport vehicle injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V62.3XXA	Unspecified occupant of heavy transport vehicle injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V62.3XXD	Unspecified occupant of heavy transport vehicle injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V62.4XXA	Person boarding or alighting a heavy transport vehicle injured in collision with two- or three-wheeled motor vehicle, initial encounter	Diagnosis	ICD-10-CM
V62.4XXD	Person boarding or alighting a heavy transport vehicle injured in collision with two- or three-wheeled motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V62.5XXA	Driver of heavy transport vehicle injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V62.5XXD	Driver of heavy transport vehicle injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V62.6XXA	Passenger in heavy transport vehicle injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V62.6XXD	Passenger in heavy transport vehicle injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V62.7XXA	Person on outside of heavy transport vehicle injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V62.7XXD	Person on outside of heavy transport vehicle injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V62.9XXA	Unspecified occupant of heavy transport vehicle injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V62.9XXD	Unspecified occupant of heavy transport vehicle injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V63.0XXA	Driver of heavy transport vehicle injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V63.0XXD	Driver of heavy transport vehicle injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V63.1XXA	Passenger in heavy transport vehicle injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V63.1XXD	Passenger in heavy transport vehicle injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V63.2XXA	Person on outside of heavy transport vehicle injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V63.2XXD	Person on outside of heavy transport vehicle injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V63.3XXA	Unspecified occupant of heavy transport vehicle injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V63.3XXD	Unspecified occupant of heavy transport vehicle injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V63.4XXA	Person boarding or alighting a heavy transport vehicle injured in collision with car, pick-up truck or van, initial encounter	Diagnosis	ICD-10-CM
V63.4XXD	Person boarding or alighting a heavy transport vehicle injured in collision with car, pick-up truck or van, subsequent encounter	Diagnosis	ICD-10-CM
V63.5XXA	Driver of heavy transport vehicle injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V63.5XXD	Driver of heavy transport vehicle injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V63.6XXA	Passenger in heavy transport vehicle injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V63.6XXD	Passenger in heavy transport vehicle injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V63.7XXA	Person on outside of heavy transport vehicle injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V63.7XXD	Person on outside of heavy transport vehicle injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V63.9XXA	Unspecified occupant of heavy transport vehicle injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V63.9XXD	Unspecified occupant of heavy transport vehicle injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V64.0XXA	Driver of heavy transport vehicle injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V64.0XXD	Driver of heavy transport vehicle injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V64.1XXA	Passenger in heavy transport vehicle injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V64.1XXD	Passenger in heavy transport vehicle injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V64.2XXA	Person on outside of heavy transport vehicle injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V64.2XXD	Person on outside of heavy transport vehicle injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V64.3XXA	Unspecified occupant of heavy transport vehicle injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V64.3XXD	Unspecified occupant of heavy transport vehicle injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V64.4XXA	Person boarding or alighting a heavy transport vehicle injured in collision with heavy transport vehicle or bus while boarding or alighting, initial encounter	Diagnosis	ICD-10-CM
V64.4XXD	Person boarding or alighting a heavy transport vehicle injured in collision with heavy transport vehicle or bus while boarding or alighting, subsequent encounter	Diagnosis	ICD-10-CM
V64.5XXA	Driver of heavy transport vehicle injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V64.5XXD	Driver of heavy transport vehicle injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V64.6XXA	Passenger in heavy transport vehicle injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V64.6XXD	Passenger in heavy transport vehicle injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V64.7XXA	Person on outside of heavy transport vehicle injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V64.7XXD	Person on outside of heavy transport vehicle injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V64.9XXA	Unspecified occupant of heavy transport vehicle injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V64.9XXD	Unspecified occupant of heavy transport vehicle injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V65.0XXA	Driver of heavy transport vehicle injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V65.0XXD	Driver of heavy transport vehicle injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V65.1XXA	Passenger in heavy transport vehicle injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V65.1XXD	Passenger in heavy transport vehicle injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V65.2XXA	Person on outside of heavy transport vehicle injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V65.2XXD	Person on outside of heavy transport vehicle injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V65.3XXA	Unspecified occupant of heavy transport vehicle injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V65.3XXD	Unspecified occupant of heavy transport vehicle injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V65.4XXA	Person boarding or alighting a heavy transport vehicle injured in collision with railway train or railway vehicle, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V65.4XXD	Person boarding or alighting a heavy transport vehicle injured in collision with railway train or railway vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V65.5XXA	Driver of heavy transport vehicle injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V65.5XXD	Driver of heavy transport vehicle injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V65.6XXA	Passenger in heavy transport vehicle injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V65.6XXD	Passenger in heavy transport vehicle injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V65.7XXA	Person on outside of heavy transport vehicle injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V65.7XXD	Person on outside of heavy transport vehicle injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V65.9XXA	Unspecified occupant of heavy transport vehicle injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V65.9XXD	Unspecified occupant of heavy transport vehicle injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V66.0XXA	Driver of heavy transport vehicle injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V66.0XXD	Driver of heavy transport vehicle injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V66.1XXA	Passenger in heavy transport vehicle injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V66.1XXD	Passenger in heavy transport vehicle injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V66.2XXA	Person on outside of heavy transport vehicle injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V66.2XXD	Person on outside of heavy transport vehicle injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V66.3XXA	Unspecified occupant of heavy transport vehicle injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V66.3XXD	Unspecified occupant of heavy transport vehicle injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V66.4XXA	Person boarding or alighting a heavy transport vehicle injured in collision with other nonmotor vehicle, initial encounter	Diagnosis	ICD-10-CM
V66.4XXD	Person boarding or alighting a heavy transport vehicle injured in collision with other nonmotor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V66.5XXA	Driver of heavy transport vehicle injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V66.5XXD	Driver of heavy transport vehicle injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V66.6XXA	Passenger in heavy transport vehicle injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V66.6XXD	Passenger in heavy transport vehicle injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V66.7XXA	Person on outside of heavy transport vehicle injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V66.7XXD	Person on outside of heavy transport vehicle injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V66.9XXA	Unspecified occupant of heavy transport vehicle injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V66.9XXD	Unspecified occupant of heavy transport vehicle injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V67.0XXA	Driver of heavy transport vehicle injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V67.0XXD	Driver of heavy transport vehicle injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V67.1XXA	Passenger in heavy transport vehicle injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V67.1XXD	Passenger in heavy transport vehicle injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V67.2XXA	Person on outside of heavy transport vehicle injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V67.2XXD	Person on outside of heavy transport vehicle injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V67.3XXA	Unspecified occupant of heavy transport vehicle injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V67.3XXD	Unspecified occupant of heavy transport vehicle injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V67.4XXA	Person boarding or alighting a heavy transport vehicle injured in collision with fixed or stationary object, initial encounter	Diagnosis	ICD-10-CM
V67.4XXD	Person boarding or alighting a heavy transport vehicle injured in collision with fixed or stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V67.5XXA	Driver of heavy transport vehicle injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V67.5XXD	Driver of heavy transport vehicle injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V67.6XXA	Passenger in heavy transport vehicle injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V67.6XXD	Passenger in heavy transport vehicle injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V67.7XXA	Person on outside of heavy transport vehicle injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V67.7XXD	Person on outside of heavy transport vehicle injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V67.9XXA	Unspecified occupant of heavy transport vehicle injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V67.9XXD	Unspecified occupant of heavy transport vehicle injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V68.0XXA	Driver of heavy transport vehicle injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V68.0XXD	Driver of heavy transport vehicle injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V68.1XXA	Passenger in heavy transport vehicle injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V68.1XXD	Passenger in heavy transport vehicle injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V68.2XXA	Person on outside of heavy transport vehicle injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V68.2XXD	Person on outside of heavy transport vehicle injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V68.3XXA	Unspecified occupant of heavy transport vehicle injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V68.3XXD	Unspecified occupant of heavy transport vehicle injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V68.4XXA	Person boarding or alighting a heavy transport vehicle injured in noncollision transport accident, initial encounter	Diagnosis	ICD-10-CM
V68.4XXD	Person boarding or alighting a heavy transport vehicle injured in noncollision transport accident, subsequent encounter	Diagnosis	ICD-10-CM
V68.5XXA	Driver of heavy transport vehicle injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V68.5XXD	Driver of heavy transport vehicle injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V68.6XXA	Passenger in heavy transport vehicle injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V68.6XXD	Passenger in heavy transport vehicle injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V68.7XXA	Person on outside of heavy transport vehicle injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V68.7XXD	Person on outside of heavy transport vehicle injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V68.9XXA	Unspecified occupant of heavy transport vehicle injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V68.9XXD	Unspecified occupant of heavy transport vehicle injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V69.00XA	Driver of heavy transport vehicle injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V69.00XD	Driver of heavy transport vehicle injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V69.09XA	Driver of heavy transport vehicle injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V69.09XD	Driver of heavy transport vehicle injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V69.10XA	Passenger in heavy transport vehicle injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V69.10XD	Passenger in heavy transport vehicle injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V69.19XA	Passenger in heavy transport vehicle injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V69.19XD	Passenger in heavy transport vehicle injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V69.20XA	Unspecified occupant of heavy transport vehicle injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V69.20XD	Unspecified occupant of heavy transport vehicle injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V69.29XA	Unspecified occupant of heavy transport vehicle injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V69.29XD	Unspecified occupant of heavy transport vehicle injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V69.3XXA	Occupant (driver) (passenger) of heavy transport vehicle injured in unspecified nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V69.3XXD	Occupant (driver) (passenger) of heavy transport vehicle injured in unspecified nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V69.40XA	Driver of heavy transport vehicle injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V69.40XD	Driver of heavy transport vehicle injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V69.49XA	Driver of heavy transport vehicle injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V69.49XD	Driver of heavy transport vehicle injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V69.50XA	Passenger in heavy transport vehicle injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V69.50XD	Passenger in heavy transport vehicle injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V69.59XA	Passenger in heavy transport vehicle injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V69.59XD	Passenger in heavy transport vehicle injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V69.60XA	Unspecified occupant of heavy transport vehicle injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V69.60XD	Unspecified occupant of heavy transport vehicle injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V69.69XA	Unspecified occupant of heavy transport vehicle injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V69.69XD	Unspecified occupant of heavy transport vehicle injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V69.81XA	Occupant (driver) (passenger) of heavy transport vehicle injured in transport accidents with military vehicle, initial encounter	Diagnosis	ICD-10-CM
V69.81XD	Occupant (driver) (passenger) of heavy transport vehicle injured in transport accidents with military vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V69.88XA	Occupant (driver) (passenger) of heavy transport vehicle injured in other specified transport accidents, initial encounter	Diagnosis	ICD-10-CM
V69.88XD	Occupant (driver) (passenger) of heavy transport vehicle injured in other specified transport accidents, subsequent encounter	Diagnosis	ICD-10-CM
V69.9XXA	Occupant (driver) (passenger) of heavy transport vehicle injured in unspecified traffic accident, initial encounter	Diagnosis	ICD-10-CM
V69.9XXD	Occupant (driver) (passenger) of heavy transport vehicle injured in unspecified traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V70.0XXA	Driver of bus injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V70.0XXD	Driver of bus injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V70.1XXA	Passenger on bus injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V70.1XXD	Passenger on bus injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V70.2XXA	Person on outside of bus injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V70.2XXD	Person on outside of bus injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V70.3XXA	Unspecified occupant of bus injured in collision with pedestrian or animal in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V70.3XXD	Unspecified occupant of bus injured in collision with pedestrian or animal in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V70.4XXA	Person boarding or alighting from bus injured in collision with pedestrian or animal, initial encounter	Diagnosis	ICD-10-CM
V70.4XXD	Person boarding or alighting from bus injured in collision with pedestrian or animal, subsequent encounter	Diagnosis	ICD-10-CM
V70.5XXA	Driver of bus injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V70.5XXD	Driver of bus injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V70.6XXA	Passenger on bus injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V70.6XXD	Passenger on bus injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V70.7XXA	Person on outside of bus injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V70.7XXD	Person on outside of bus injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V70.9XXA	Unspecified occupant of bus injured in collision with pedestrian or animal in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V70.9XXD	Unspecified occupant of bus injured in collision with pedestrian or animal in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V71.0XXA	Driver of bus injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V71.0XXD	Driver of bus injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V71.1XXA	Passenger on bus injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V71.1XXD	Passenger on bus injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V71.2XXA	Person on outside of bus injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V71.2XXD	Person on outside of bus injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V71.3XXA	Unspecified occupant of bus injured in collision with pedal cycle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V71.3XXD	Unspecified occupant of bus injured in collision with pedal cycle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V71.4XXA	Person boarding or alighting from bus injured in collision with pedal cycle, initial encounter	Diagnosis	ICD-10-CM
V71.4XXD	Person boarding or alighting from bus injured in collision with pedal cycle, subsequent encounter	Diagnosis	ICD-10-CM
V71.5XXA	Driver of bus injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V71.5XXD	Driver of bus injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V71.6XXA	Passenger on bus injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V71.6XXD	Passenger on bus injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V71.7XXA	Person on outside of bus injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V71.7XXD	Person on outside of bus injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V71.9XXA	Unspecified occupant of bus injured in collision with pedal cycle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V71.9XXD	Unspecified occupant of bus injured in collision with pedal cycle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V72.0XXA	Driver of bus injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V72.0XXD	Driver of bus injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V72.1XXA	Passenger on bus injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V72.1XXD	Passenger on bus injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V72.2XXA	Person on outside of bus injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V72.2XXD	Person on outside of bus injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V72.3XXA	Unspecified occupant of bus injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V72.3XXD	Unspecified occupant of bus injured in collision with two- or three-wheeled motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V72.4XXA	Person boarding or alighting from bus injured in collision with two- or three-wheeled motor vehicle, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V72.4XXD	Person boarding or alighting from bus injured in collision with two- or three-wheeled motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V72.5XXA	Driver of bus injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V72.5XXD	Driver of bus injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V72.6XXA	Passenger on bus injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V72.6XXD	Passenger on bus injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V72.7XXA	Person on outside of bus injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V72.7XXD	Person on outside of bus injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V72.9XXA	Unspecified occupant of bus injured in collision with two- or three-wheeled motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V72.9XXD	Unspecified occupant of bus injured in collision with two- or three-wheeled motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V73.0XXA	Driver of bus injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V73.0XXD	Driver of bus injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V73.1XXA	Passenger on bus injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V73.1XXD	Passenger on bus injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V73.2XXA	Person on outside of bus injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V73.2XXD	Person on outside of bus injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V73.3XXA	Unspecified occupant of bus injured in collision with car, pick-up truck or van in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V73.3XXD	Unspecified occupant of bus injured in collision with car, pick-up truck or van in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V73.4XXA	Person boarding or alighting from bus injured in collision with car, pick-up truck or van, initial encounter	Diagnosis	ICD-10-CM
V73.4XXD	Person boarding or alighting from bus injured in collision with car, pick-up truck or van, subsequent encounter	Diagnosis	ICD-10-CM
V73.5XXA	Driver of bus injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V73.5XXD	Driver of bus injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V73.6XXA	Passenger on bus injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V73.6XXD	Passenger on bus injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V73.7XXA	Person on outside of bus injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V73.7XXD	Person on outside of bus injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V73.9XXA	Unspecified occupant of bus injured in collision with car, pick-up truck or van in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V73.9XXD	Unspecified occupant of bus injured in collision with car, pick-up truck or van in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V74.0XXA	Driver of bus injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V74.0XXD	Driver of bus injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V74.1XXA	Passenger on bus injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V74.1XXD	Passenger on bus injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V74.2XXA	Person on outside of bus injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V74.2XXD	Person on outside of bus injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V74.3XXA	Unspecified occupant of bus injured in collision with heavy transport vehicle or bus in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V74.3XXD	Unspecified occupant of bus injured in collision with heavy transport vehicle or bus in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V74.4XXA	Person boarding or alighting from bus injured in collision with heavy transport vehicle or bus, initial encounter	Diagnosis	ICD-10-CM
V74.4XXD	Person boarding or alighting from bus injured in collision with heavy transport vehicle or bus, subsequent encounter	Diagnosis	ICD-10-CM
V74.5XXA	Driver of bus injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V74.5XXD	Driver of bus injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V74.6XXA	Passenger on bus injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V74.6XXD	Passenger on bus injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V74.7XXA	Person on outside of bus injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V74.7XXD	Person on outside of bus injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V74.9XXA	Unspecified occupant of bus injured in collision with heavy transport vehicle or bus in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V74.9XXD	Unspecified occupant of bus injured in collision with heavy transport vehicle or bus in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V75.0XXA	Driver of bus injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V75.0XXD	Driver of bus injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V75.1XXA	Passenger on bus injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V75.1XXD	Passenger on bus injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V75.2XXA	Person on outside of bus injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V75.2XXD	Person on outside of bus injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V75.3XXA	Unspecified occupant of bus injured in collision with railway train or railway vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V75.3XXD	Unspecified occupant of bus injured in collision with railway train or railway vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V75.4XXA	Person boarding or alighting from bus injured in collision with railway train or railway vehicle, initial encounter	Diagnosis	ICD-10-CM
V75.4XXD	Person boarding or alighting from bus injured in collision with railway train or railway vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V75.5XXA	Driver of bus injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V75.5XXD	Driver of bus injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V75.6XXA	Passenger on bus injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V75.6XXD	Passenger on bus injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V75.7XXA	Person on outside of bus injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V75.7XXD	Person on outside of bus injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V75.9XXA	Unspecified occupant of bus injured in collision with railway train or railway vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V75.9XXD	Unspecified occupant of bus injured in collision with railway train or railway vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V76.0XXA	Driver of bus injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V76.0XXD	Driver of bus injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V76.1XXA	Passenger on bus injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V76.1XXD	Passenger on bus injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V76.2XXA	Person on outside of bus injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V76.2XXD	Person on outside of bus injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V76.3XXA	Unspecified occupant of bus injured in collision with other nonmotor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V76.3XXD	Unspecified occupant of bus injured in collision with other nonmotor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V76.4XXA	Person boarding or alighting from bus injured in collision with other nonmotor vehicle, initial encounter	Diagnosis	ICD-10-CM
V76.4XXD	Person boarding or alighting from bus injured in collision with other nonmotor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V76.5XXA	Driver of bus injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V76.5XXD	Driver of bus injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V76.6XXA	Passenger on bus injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V76.6XXD	Passenger on bus injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V76.7XXA	Person on outside of bus injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V76.7XXD	Person on outside of bus injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V76.9XXA	Unspecified occupant of bus injured in collision with other nonmotor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V76.9XXD	Unspecified occupant of bus injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V77.0XXA	Driver of bus injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V77.0XXD	Driver of bus injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V77.1XXA	Passenger on bus injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V77.1XXD	Passenger on bus injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V77.2XXA	Person on outside of bus injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V77.2XXD	Person on outside of bus injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V77.3XXA	Unspecified occupant of bus injured in collision with fixed or stationary object in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V77.3XXD	Unspecified occupant of bus injured in collision with fixed or stationary object in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V77.4XXA	Person boarding or alighting from bus injured in collision with fixed or stationary object, initial encounter	Diagnosis	ICD-10-CM
V77.4XXD	Person boarding or alighting from bus injured in collision with fixed or stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V77.5XXA	Driver of bus injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V77.5XXD	Driver of bus injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V77.6XXA	Passenger on bus injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V77.6XXD	Passenger on bus injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V77.7XXA	Person on outside of bus injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V77.7XXD	Person on outside of bus injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V77.9XXA	Unspecified occupant of bus injured in collision with fixed or stationary object in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V77.9XXD	Unspecified occupant of bus injured in collision with fixed or stationary object in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V78.0XXA	Driver of bus injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V78.0XXD	Driver of bus injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V78.1XXA	Passenger on bus injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V78.1XXD	Passenger on bus injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V78.2XXA	Person on outside of bus injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V78.2XXD	Person on outside of bus injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V78.3XXA	Unspecified occupant of bus injured in noncollision transport accident in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V78.3XXD	Unspecified occupant of bus injured in noncollision transport accident in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V78.4XXA	Person boarding or alighting from bus injured in noncollision transport accident, initial encounter	Diagnosis	ICD-10-CM
V78.4XXD	Person boarding or alighting from bus injured in noncollision transport accident, subsequent encounter	Diagnosis	ICD-10-CM
V78.5XXA	Driver of bus injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V78.5XXD	Driver of bus injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V78.6XXA	Passenger on bus injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V78.6XXD	Passenger on bus injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V78.7XXA	Person on outside of bus injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V78.7XXD	Person on outside of bus injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V78.9XXA	Unspecified occupant of bus injured in noncollision transport accident in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V78.9XXD	Unspecified occupant of bus injured in noncollision transport accident in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V79.00XA	Driver of bus injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V79.00XD	Driver of bus injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V79.09XA	Driver of bus injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V79.09XD	Driver of bus injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V79.10XA	Passenger on bus injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V79.10XD	Passenger on bus injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V79.19XA	Passenger on bus injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V79.19XD	Passenger on bus injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V79.20XA	Unspecified bus occupant injured in collision with unspecified motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V79.20XD	Unspecified bus occupant injured in collision with unspecified motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V79.29XA	Unspecified bus occupant injured in collision with other motor vehicles in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V79.29XD	Unspecified bus occupant injured in collision with other motor vehicles in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V79.3XXA	Bus occupant (driver) (passenger) injured in unspecified nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V79.3XXD	Bus occupant (driver) (passenger) injured in unspecified nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V79.40XA	Driver of bus injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V79.40XD	Driver of bus injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V79.49XA	Driver of bus injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V79.49XD	Driver of bus injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V79.50XA	Passenger on bus injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V79.50XD	Passenger on bus injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V79.59XA	Passenger on bus injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V79.59XD	Passenger on bus injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V79.60XA	Unspecified bus occupant injured in collision with unspecified motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V79.60XD	Unspecified bus occupant injured in collision with unspecified motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V79.69XA	Unspecified bus occupant injured in collision with other motor vehicles in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V79.69XD	Unspecified bus occupant injured in collision with other motor vehicles in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V79.81XA	Bus occupant (driver) (passenger) injured in transport accidents with military vehicle, initial encounter	Diagnosis	ICD-10-CM
V79.81XD	Bus occupant (driver) (passenger) injured in transport accidents with military vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V79.88XA	Bus occupant (driver) (passenger) injured in other specified transport accidents, initial encounter	Diagnosis	ICD-10-CM
V79.88XD	Bus occupant (driver) (passenger) injured in other specified transport accidents, subsequent encounter	Diagnosis	ICD-10-CM
V79.9XXA	Bus occupant (driver) (passenger) injured in unspecified traffic accident, initial encounter	Diagnosis	ICD-10-CM
V79.9XXD	Bus occupant (driver) (passenger) injured in unspecified traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V80.010A	Animal-rider injured by fall from or being thrown from horse in noncollision accident, initial encounter	Diagnosis	ICD-10-CM
V80.010D	Animal-rider injured by fall from or being thrown from horse in noncollision accident, subsequent encounter	Diagnosis	ICD-10-CM
V80.018A	Animal-rider injured by fall from or being thrown from other animal in noncollision accident, initial encounter	Diagnosis	ICD-10-CM
V80.018D	Animal-rider injured by fall from or being thrown from other animal in noncollision accident, subsequent encounter	Diagnosis	ICD-10-CM
V80.02XA	Occupant of animal-drawn vehicle injured by fall from or being thrown from animal-drawn vehicle in noncollision accident, initial encounter	Diagnosis	ICD-10-CM
V80.02XD	Occupant of animal-drawn vehicle injured by fall from or being thrown from animal-drawn vehicle in noncollision accident, subsequent encounter	Diagnosis	ICD-10-CM
V80.11XA	Animal-rider injured in collision with pedestrian or animal, initial encounter	Diagnosis	ICD-10-CM
V80.11XD	Animal-rider injured in collision with pedestrian or animal, subsequent encounter	Diagnosis	ICD-10-CM
V80.12XA	Occupant of animal-drawn vehicle injured in collision with pedestrian or animal, initial encounter	Diagnosis	ICD-10-CM
V80.12XD	Occupant of animal-drawn vehicle injured in collision with pedestrian or animal, subsequent encounter	Diagnosis	ICD-10-CM
V80.21XA	Animal-rider injured in collision with pedal cycle, initial encounter	Diagnosis	ICD-10-CM
V80.21XD	Animal-rider injured in collision with pedal cycle, subsequent encounter	Diagnosis	ICD-10-CM
V80.22XA	Occupant of animal-drawn vehicle injured in collision with pedal cycle, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V80.22XD	Occupant of animal-drawn vehicle injured in collision with pedal cycle, subsequent encounter	Diagnosis	ICD-10-CM
V80.31XA	Animal-rider injured in collision with two- or three-wheeled motor vehicle, initial encounter	Diagnosis	ICD-10-CM
V80.31XD	Animal-rider injured in collision with two- or three-wheeled motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V80.32XA	Occupant of animal-drawn vehicle injured in collision with two- or three-wheeled motor vehicle, initial encounter	Diagnosis	ICD-10-CM
V80.32XD	Occupant of animal-drawn vehicle injured in collision with two- or three-wheeled motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V80.41XA	Animal-rider injured in collision with car, pick-up truck, van, heavy transport vehicle or bus, initial encounter	Diagnosis	ICD-10-CM
V80.41XD	Animal-rider injured in collision with car, pick-up truck, van, heavy transport vehicle or bus, subsequent encounter	Diagnosis	ICD-10-CM
V80.42XA	Occupant of animal-drawn vehicle injured in collision with car, pick-up truck, van, heavy transport vehicle or bus, initial encounter	Diagnosis	ICD-10-CM
V80.42XD	Occupant of animal-drawn vehicle injured in collision with car, pick-up truck, van, heavy transport vehicle or bus, subsequent encounter	Diagnosis	ICD-10-CM
V80.51XA	Animal-rider injured in collision with other specified motor vehicle, initial encounter	Diagnosis	ICD-10-CM
V80.51XD	Animal-rider injured in collision with other specified motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V80.52XA	Occupant of animal-drawn vehicle injured in collision with other specified motor vehicle, initial encounter	Diagnosis	ICD-10-CM
V80.52XD	Occupant of animal-drawn vehicle injured in collision with other specified motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V80.61XA	Animal-rider injured in collision with railway train or railway vehicle, initial encounter	Diagnosis	ICD-10-CM
V80.61XD	Animal-rider injured in collision with railway train or railway vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V80.62XA	Occupant of animal-drawn vehicle injured in collision with railway train or railway vehicle, initial encounter	Diagnosis	ICD-10-CM
V80.62XD	Occupant of animal-drawn vehicle injured in collision with railway train or railway vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V80.710A	Animal-rider injured in collision with other animal being ridden, initial encounter	Diagnosis	ICD-10-CM
V80.710D	Animal-rider injured in collision with other animal being ridden, subsequent encounter	Diagnosis	ICD-10-CM
V80.711A	Occupant of animal-drawn vehicle injured in collision with animal being ridden, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V80.711D	Occupant of animal-drawn vehicle injured in collision with animal being ridden, subsequent encounter	Diagnosis	ICD-10-CM
V80.720A	Animal-rider injured in collision with animal-drawn vehicle, initial encounter	Diagnosis	ICD-10-CM
V80.720D	Animal-rider injured in collision with animal-drawn vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V80.721A	Occupant of animal-drawn vehicle injured in collision with other animal-drawn vehicle, initial encounter	Diagnosis	ICD-10-CM
V80.721D	Occupant of animal-drawn vehicle injured in collision with other animal-drawn vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V80.730A	Animal-rider injured in collision with streetcar, initial encounter	Diagnosis	ICD-10-CM
V80.730D	Animal-rider injured in collision with streetcar, subsequent encounter	Diagnosis	ICD-10-CM
V80.731A	Occupant of animal-drawn vehicle injured in collision with streetcar, initial encounter	Diagnosis	ICD-10-CM
V80.731D	Occupant of animal-drawn vehicle injured in collision with streetcar, subsequent encounter	Diagnosis	ICD-10-CM
V80.790A	Animal-rider injured in collision with other nonmotor vehicles, initial encounter	Diagnosis	ICD-10-CM
V80.790D	Animal-rider injured in collision with other nonmotor vehicles, subsequent encounter	Diagnosis	ICD-10-CM
V80.791A	Occupant of animal-drawn vehicle injured in collision with other nonmotor vehicles, initial encounter	Diagnosis	ICD-10-CM
V80.791D	Occupant of animal-drawn vehicle injured in collision with other nonmotor vehicles, subsequent encounter	Diagnosis	ICD-10-CM
V80.81XA	Animal-rider injured in collision with fixed or stationary object, initial encounter	Diagnosis	ICD-10-CM
V80.81XD	Animal-rider injured in collision with fixed or stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V80.82XA	Occupant of animal-drawn vehicle injured in collision with fixed or stationary object, initial encounter	Diagnosis	ICD-10-CM
V80.82XD	Occupant of animal-drawn vehicle injured in collision with fixed or stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V80.910A	Animal-rider injured in transport accident with military vehicle, initial encounter	Diagnosis	ICD-10-CM
V80.910D	Animal-rider injured in transport accident with military vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V80.918A	Animal-rider injured in other transport accident, initial encounter	Diagnosis	ICD-10-CM
V80.918D	Animal-rider injured in other transport accident, subsequent encounter	Diagnosis	ICD-10-CM
V80.919A	Animal-rider injured in unspecified transport accident, initial encounter	Diagnosis	ICD-10-CM
V80.919D	Animal-rider injured in unspecified transport accident, subsequent encounter	Diagnosis	ICD-10-CM
V80.920A	Occupant of animal-drawn vehicle injured in transport accident with military vehicle, initial encounter	Diagnosis	ICD-10-CM
V80.920D	Occupant of animal-drawn vehicle injured in transport accident with military vehicle, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V80.928A	Occupant of animal-drawn vehicle injured in other transport accident, initial encounter	Diagnosis	ICD-10-CM
V80.928D	Occupant of animal-drawn vehicle injured in other transport accident, subsequent encounter	Diagnosis	ICD-10-CM
V80.929A	Occupant of animal-drawn vehicle injured in unspecified transport accident, initial encounter	Diagnosis	ICD-10-CM
V80.929D	Occupant of animal-drawn vehicle injured in unspecified transport accident, subsequent encounter	Diagnosis	ICD-10-CM
V81.0XXA	Occupant of railway train or railway vehicle injured in collision with motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V81.0XXD	Occupant of railway train or railway vehicle injured in collision with motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V81.1XXA	Occupant of railway train or railway vehicle injured in collision with motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V81.1XXD	Occupant of railway train or railway vehicle injured in collision with motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V81.2XXA	Occupant of railway train or railway vehicle injured in collision with or hit by rolling stock, initial encounter	Diagnosis	ICD-10-CM
V81.2XXD	Occupant of railway train or railway vehicle injured in collision with or hit by rolling stock, subsequent encounter	Diagnosis	ICD-10-CM
V81.3XXA	Occupant of railway train or railway vehicle injured in collision with other object, initial encounter	Diagnosis	ICD-10-CM
V81.3XXD	Occupant of railway train or railway vehicle injured in collision with other object, subsequent encounter	Diagnosis	ICD-10-CM
V81.4XXA	Person injured while boarding or alighting from railway train or railway vehicle, initial encounter	Diagnosis	ICD-10-CM
V81.4XXD	Person injured while boarding or alighting from railway train or railway vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V81.5XXA	Occupant of railway train or railway vehicle injured by fall in railway train or railway vehicle, initial encounter	Diagnosis	ICD-10-CM
V81.5XXD	Occupant of railway train or railway vehicle injured by fall in railway train or railway vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V81.6XXA	Occupant of railway train or railway vehicle injured by fall from railway train or railway vehicle, initial encounter	Diagnosis	ICD-10-CM
V81.6XXD	Occupant of railway train or railway vehicle injured by fall from railway train or railway vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V81.7XXA	Occupant of railway train or railway vehicle injured in derailment without antecedent collision, initial encounter	Diagnosis	ICD-10-CM
V81.7XXD	Occupant of railway train or railway vehicle injured in derailment without antecedent collision, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V81.81XA	Occupant of railway train or railway vehicle injured due to explosion or fire on train, initial encounter	Diagnosis	ICD-10-CM
V81.81XD	Occupant of railway train or railway vehicle injured due to explosion or fire on train, subsequent encounter	Diagnosis	ICD-10-CM
V81.82XA	Occupant of railway train or railway vehicle injured due to object falling onto train, initial encounter	Diagnosis	ICD-10-CM
V81.82XD	Occupant of railway train or railway vehicle injured due to object falling onto train, subsequent encounter	Diagnosis	ICD-10-CM
V81.83XA	Occupant of railway train or railway vehicle injured due to collision with military vehicle, initial encounter	Diagnosis	ICD-10-CM
V81.83XD	Occupant of railway train or railway vehicle injured due to collision with military vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V81.89XA	Occupant of railway train or railway vehicle injured due to other specified railway accident, initial encounter	Diagnosis	ICD-10-CM
V81.89XD	Occupant of railway train or railway vehicle injured due to other specified railway accident, subsequent encounter	Diagnosis	ICD-10-CM
V81.9XXA	Occupant of railway train or railway vehicle injured in unspecified railway accident, initial encounter	Diagnosis	ICD-10-CM
V81.9XXD	Occupant of railway train or railway vehicle injured in unspecified railway accident, subsequent encounter	Diagnosis	ICD-10-CM
V82.0XXA	Occupant of streetcar injured in collision with motor vehicle in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V82.0XXD	Occupant of streetcar injured in collision with motor vehicle in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V82.1XXA	Occupant of streetcar injured in collision with motor vehicle in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V82.1XXD	Occupant of streetcar injured in collision with motor vehicle in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V82.2XXA	Occupant of streetcar injured in collision with or hit by rolling stock, initial encounter	Diagnosis	ICD-10-CM
V82.2XXD	Occupant of streetcar injured in collision with or hit by rolling stock, subsequent encounter	Diagnosis	ICD-10-CM
V82.3XXA	Occupant of streetcar injured in collision with other object, initial encounter	Diagnosis	ICD-10-CM
V82.3XXD	Occupant of streetcar injured in collision with other object, subsequent encounter	Diagnosis	ICD-10-CM
V82.4XXA	Person injured while boarding or alighting from streetcar, initial encounter	Diagnosis	ICD-10-CM
V82.4XXD	Person injured while boarding or alighting from streetcar, subsequent encounter	Diagnosis	ICD-10-CM
V82.5XXA	Occupant of streetcar injured by fall in streetcar, initial encounter	Diagnosis	ICD-10-CM
V82.5XXD	Occupant of streetcar injured by fall in streetcar, subsequent encounter	Diagnosis	ICD-10-CM
V82.6XXA	Occupant of streetcar injured by fall from streetcar, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V82.6XXD	Occupant of streetcar injured by fall from streetcar, subsequent encounter	Diagnosis	ICD-10-CM
V82.7XXA	Occupant of streetcar injured in derailment without antecedent collision, initial encounter	Diagnosis	ICD-10-CM
V82.7XXD	Occupant of streetcar injured in derailment without antecedent collision, subsequent encounter	Diagnosis	ICD-10-CM
V82.8XXA	Occupant of streetcar injured in other specified transport accidents, initial encounter	Diagnosis	ICD-10-CM
V82.8XXD	Occupant of streetcar injured in other specified transport accidents, subsequent encounter	Diagnosis	ICD-10-CM
V82.9XXA	Occupant of streetcar injured in unspecified traffic accident, initial encounter	Diagnosis	ICD-10-CM
V82.9XXD	Occupant of streetcar injured in unspecified traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V83.0XXA	Driver of special industrial vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V83.0XXD	Driver of special industrial vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V83.1XXA	Passenger of special industrial vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V83.1XXD	Passenger of special industrial vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V83.2XXA	Person on outside of special industrial vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V83.2XXD	Person on outside of special industrial vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V83.3XXA	Unspecified occupant of special industrial vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V83.3XXD	Unspecified occupant of special industrial vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V83.4XXA	Person injured while boarding or alighting from special industrial vehicle, initial encounter	Diagnosis	ICD-10-CM
V83.4XXD	Person injured while boarding or alighting from special industrial vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V83.5XXA	Driver of special industrial vehicle injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V83.5XXD	Driver of special industrial vehicle injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V83.6XXA	Passenger of special industrial vehicle injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V83.6XXD	Passenger of special industrial vehicle injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V83.7XXA	Person on outside of special industrial vehicle injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V83.7XXD	Person on outside of special industrial vehicle injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V83.9XXA	Unspecified occupant of special industrial vehicle injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V83.9XXD	Unspecified occupant of special industrial vehicle injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V84.0XXA	Driver of special agricultural vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V84.0XXD	Driver of special agricultural vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V84.1XXA	Passenger of special agricultural vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V84.1XXD	Passenger of special agricultural vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V84.2XXA	Person on outside of special agricultural vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V84.2XXD	Person on outside of special agricultural vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V84.3XXA	Unspecified occupant of special agricultural vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V84.3XXD	Unspecified occupant of special agricultural vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V84.4XXA	Person injured while boarding or alighting from special agricultural vehicle, initial encounter	Diagnosis	ICD-10-CM
V84.4XXD	Person injured while boarding or alighting from special agricultural vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V84.5XXA	Driver of special agricultural vehicle injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V84.5XXD	Driver of special agricultural vehicle injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V84.6XXA	Passenger of special agricultural vehicle injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V84.6XXD	Passenger of special agricultural vehicle injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V84.7XXA	Person on outside of special agricultural vehicle injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V84.7XXD	Person on outside of special agricultural vehicle injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V84.9XXA	Unspecified occupant of special agricultural vehicle injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V84.9XXD	Unspecified occupant of special agricultural vehicle injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V85.0XXA	Driver of special construction vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V85.0XXD	Driver of special construction vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V85.1XXA	Passenger of special construction vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V85.1XXD	Passenger of special construction vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V85.2XXA	Person on outside of special construction vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V85.2XXD	Person on outside of special construction vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V85.3XXA	Unspecified occupant of special construction vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V85.3XXD	Unspecified occupant of special construction vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V85.4XXA	Person injured while boarding or alighting from special construction vehicle, initial encounter	Diagnosis	ICD-10-CM
V85.4XXD	Person injured while boarding or alighting from special construction vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V85.5XXA	Driver of special construction vehicle injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V85.5XXD	Driver of special construction vehicle injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V85.6XXA	Passenger of special construction vehicle injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V85.6XXD	Passenger of special construction vehicle injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V85.7XXA	Person on outside of special construction vehicle injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V85.7XXD	Person on outside of special construction vehicle injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V85.9XXA	Unspecified occupant of special construction vehicle injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V85.9XXD	Unspecified occupant of special construction vehicle injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.01XA	Driver of ambulance or fire engine injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.01XD	Driver of ambulance or fire engine injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.02XA	Driver of snowmobile injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.02XD	Driver of snowmobile injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.03XA	Driver of dune buggy injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V86.03XD	Driver of dune buggy injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.04XA	Driver of military vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.04XD	Driver of military vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.05XA	Driver of 3- or 4- wheeled all-terrain vehicle (ATV) injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.05XD	Driver of 3- or 4- wheeled all-terrain vehicle (ATV) injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.06XA	Driver of dirt bike or motor/cross bike injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.06XD	Driver of dirt bike or motor/cross bike injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.09XA	Driver of other special all-terrain or other off-road motor vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.09XD	Driver of other special all-terrain or other off-road motor vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.11XA	Passenger of ambulance or fire engine injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.11XD	Passenger of ambulance or fire engine injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.12XA	Passenger of snowmobile injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.12XD	Passenger of snowmobile injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.13XA	Passenger of dune buggy injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.13XD	Passenger of dune buggy injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.14XA	Passenger of military vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.14XD	Passenger of military vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.15XA	Passenger of 3- or 4- wheeled all-terrain vehicle (ATV) injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.15XD	Passenger of 3- or 4- wheeled all-terrain vehicle (ATV) injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.16XA	Passenger of dirt bike or motor/cross bike injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.16XD	Passenger of dirt bike or motor/cross bike injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.19XA	Passenger of other special all-terrain or other off-road motor vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.19XD	Passenger of other special all-terrain or other off-road motor vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.21XA	Person on outside of ambulance or fire engine injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.21XD	Person on outside of ambulance or fire engine injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V86.22XA	Person on outside of snowmobile injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.22XD	Person on outside of snowmobile injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.23XA	Person on outside of dune buggy injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.23XD	Person on outside of dune buggy injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.24XA	Person on outside of military vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.24XD	Person on outside of military vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.25XA	Person on outside of 3- or 4- wheeled all-terrain vehicle (ATV) injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.25XD	Person on outside of 3- or 4- wheeled all-terrain vehicle (ATV) injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.26XA	Person on outside of dirt bike or motor/cross bike injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.26XD	Person on outside of dirt bike or motor/cross bike injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.29XA	Person on outside of other special all-terrain or other off-road motor vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.29XD	Person on outside of other special all-terrain or other off-road motor vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.31XA	Unspecified occupant of ambulance or fire engine injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.31XD	Unspecified occupant of ambulance or fire engine injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.32XA	Unspecified occupant of snowmobile injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.32XD	Unspecified occupant of snowmobile injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.33XA	Unspecified occupant of dune buggy injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.33XD	Unspecified occupant of dune buggy injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.34XA	Unspecified occupant of military vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.34XD	Unspecified occupant of military vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.35XA	Unspecified occupant of 3- or 4- wheeled all-terrain vehicle (ATV) injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.35XD	Unspecified occupant of 3- or 4- wheeled all-terrain vehicle (ATV) injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.36XA	Unspecified occupant of dirt bike or motor/cross bike injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V86.36XD	Unspecified occupant of dirt bike or motor/cross bike injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.39XA	Unspecified occupant of other special all-terrain or other off-road motor vehicle injured in traffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.39XD	Unspecified occupant of other special all-terrain or other off-road motor vehicle injured in traffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.41XA	Person injured while boarding or alighting from ambulance or fire engine, initial encounter	Diagnosis	ICD-10-CM
V86.41XD	Person injured while boarding or alighting from ambulance or fire engine, subsequent encounter	Diagnosis	ICD-10-CM
V86.42XA	Person injured while boarding or alighting from snowmobile, initial encounter	Diagnosis	ICD-10-CM
V86.42XD	Person injured while boarding or alighting from snowmobile, subsequent encounter	Diagnosis	ICD-10-CM
V86.43XA	Person injured while boarding or alighting from dune buggy, initial encounter	Diagnosis	ICD-10-CM
V86.43XD	Person injured while boarding or alighting from dune buggy, subsequent encounter	Diagnosis	ICD-10-CM
V86.44XA	Person injured while boarding or alighting from military vehicle, initial encounter	Diagnosis	ICD-10-CM
V86.44XD	Person injured while boarding or alighting from military vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V86.45XA	Person injured while boarding or alighting from a 3- or 4- wheeled all-terrain vehicle (ATV), initial encounter	Diagnosis	ICD-10-CM
V86.45XD	Person injured while boarding or alighting from a 3- or 4- wheeled all-terrain vehicle (ATV), subsequent encounter	Diagnosis	ICD-10-CM
V86.46XA	Person injured while boarding or alighting from a dirt bike or motor/cross bike, initial encounter	Diagnosis	ICD-10-CM
V86.46XD	Person injured while boarding or alighting from a dirt bike or motor/cross bike, subsequent encounter	Diagnosis	ICD-10-CM
V86.49XA	Person injured while boarding or alighting from other special all-terrain or other off-road motor vehicle, initial encounter	Diagnosis	ICD-10-CM
V86.49XD	Person injured while boarding or alighting from other special all-terrain or other off-road motor vehicle, subsequent encounter	Diagnosis	ICD-10-CM
V86.51XA	Driver of ambulance or fire engine injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.51XD	Driver of ambulance or fire engine injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.52XA	Driver of snowmobile injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.52XD	Driver of snowmobile injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.53XA	Driver of dune buggy injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.53XD	Driver of dune buggy injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.54XA	Driver of military vehicle injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V86.54XD	Driver of military vehicle injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.55XA	Driver of 3- or 4- wheeled all-terrain vehicle (ATV) injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.55XD	Driver of 3- or 4- wheeled all-terrain vehicle (ATV) injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.56XA	Driver of dirt bike or motor/cross bike injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.56XD	Driver of dirt bike or motor/cross bike injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.59XA	Driver of other special all-terrain or other off-road motor vehicle injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.59XD	Driver of other special all-terrain or other off-road motor vehicle injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.61XA	Passenger of ambulance or fire engine injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.61XD	Passenger of ambulance or fire engine injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.62XA	Passenger of snowmobile injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.62XD	Passenger of snowmobile injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.63XA	Passenger of dune buggy injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.63XD	Passenger of dune buggy injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.64XA	Passenger of military vehicle injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.64XD	Passenger of military vehicle injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.65XA	Passenger of 3- or 4- wheeled all-terrain vehicle (ATV) injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.65XD	Passenger of 3- or 4- wheeled all-terrain vehicle (ATV) injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.66XA	Passenger of dirt bike or motor/cross bike injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.66XD	Passenger of dirt bike or motor/cross bike injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.69XA	Passenger of other special all-terrain or other off-road motor vehicle injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.69XD	Passenger of other special all-terrain or other off-road motor vehicle injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.71XA	Person on outside of ambulance or fire engine injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.71XD	Person on outside of ambulance or fire engine injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V86.72XA	Person on outside of snowmobile injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.72XD	Person on outside of snowmobile injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.73XA	Person on outside of dune buggy injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.73XD	Person on outside of dune buggy injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.74XA	Person on outside of military vehicle injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.74XD	Person on outside of military vehicle injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.75XA	Person on outside of 3- or 4- wheeled all-terrain vehicle (ATV) injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.75XD	Person on outside of 3- or 4- wheeled all-terrain vehicle (ATV) injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.76XA	Person on outside of dirt bike or motor/cross bike injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.76XD	Person on outside of dirt bike or motor/cross bike injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.79XA	Person on outside of other special all-terrain or other off-road motor vehicles injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.79XD	Person on outside of other special all-terrain or other off-road motor vehicles injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.91XA	Unspecified occupant of ambulance or fire engine injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.91XD	Unspecified occupant of ambulance or fire engine injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.92XA	Unspecified occupant of snowmobile injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.92XD	Unspecified occupant of snowmobile injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.93XA	Unspecified occupant of dune buggy injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.93XD	Unspecified occupant of dune buggy injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.94XA	Unspecified occupant of military vehicle injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.94XD	Unspecified occupant of military vehicle injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.95XA	Unspecified occupant of 3- or 4- wheeled all-terrain vehicle (ATV) injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V86.95XD	Unspecified occupant of 3- or 4- wheeled all-terrain vehicle (ATV) injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.96XA	Unspecified occupant of dirt bike or motor/cross bike injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.96XD	Unspecified occupant of dirt bike or motor/cross bike injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V86.99XA	Unspecified occupant of other special all-terrain or other off-road motor vehicle injured in nontraffic accident, initial encounter	Diagnosis	ICD-10-CM
V86.99XD	Unspecified occupant of other special all-terrain or other off-road motor vehicle injured in nontraffic accident, subsequent encounter	Diagnosis	ICD-10-CM
V87.0XXA	Person injured in collision between car and two- or three-wheeled powered vehicle (traffic), initial encounter	Diagnosis	ICD-10-CM
V87.0XXD	Person injured in collision between car and two- or three-wheeled powered vehicle (traffic), subsequent encounter	Diagnosis	ICD-10-CM
V87.1XXA	Person injured in collision between other motor vehicle and two- or three-wheeled motor vehicle (traffic), initial encounter	Diagnosis	ICD-10-CM
V87.1XXD	Person injured in collision between other motor vehicle and two- or three-wheeled motor vehicle (traffic), subsequent encounter	Diagnosis	ICD-10-CM
V87.2XXA	Person injured in collision between car and pick-up truck or van (traffic), initial encounter	Diagnosis	ICD-10-CM
V87.2XXD	Person injured in collision between car and pick-up truck or van (traffic), subsequent encounter	Diagnosis	ICD-10-CM
V87.3XXA	Person injured in collision between car and bus (traffic), initial encounter	Diagnosis	ICD-10-CM
V87.3XXD	Person injured in collision between car and bus (traffic), subsequent encounter	Diagnosis	ICD-10-CM
V87.4XXA	Person injured in collision between car and heavy transport vehicle (traffic), initial encounter	Diagnosis	ICD-10-CM
V87.4XXD	Person injured in collision between car and heavy transport vehicle (traffic), subsequent encounter	Diagnosis	ICD-10-CM
V87.5XXA	Person injured in collision between heavy transport vehicle and bus (traffic), initial encounter	Diagnosis	ICD-10-CM
V87.5XXD	Person injured in collision between heavy transport vehicle and bus (traffic), subsequent encounter	Diagnosis	ICD-10-CM
V87.6XXA	Person injured in collision between railway train or railway vehicle and car (traffic), initial encounter	Diagnosis	ICD-10-CM
V87.6XXD	Person injured in collision between railway train or railway vehicle and car (traffic), subsequent encounter	Diagnosis	ICD-10-CM
V87.7XXA	Person injured in collision between other specified motor vehicles (traffic), initial encounter	Diagnosis	ICD-10-CM
V87.7XXD	Person injured in collision between other specified motor vehicles (traffic), subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V87.8XXA	Person injured in other specified noncollision transport accidents involving motor vehicle (traffic), initial encounter	Diagnosis	ICD-10-CM
V87.8XXD	Person injured in other specified noncollision transport accidents involving motor vehicle (traffic), subsequent encounter	Diagnosis	ICD-10-CM
V87.9XXA	Person injured in other specified (collision)(noncollision) transport accidents involving nonmotor vehicle (traffic), initial encounter	Diagnosis	ICD-10-CM
V87.9XXD	Person injured in other specified (collision)(noncollision) transport accidents involving nonmotor vehicle (traffic), subsequent encounter	Diagnosis	ICD-10-CM
V88.0XXA	Person injured in collision between car and two- or three-wheeled motor vehicle, nontraffic, initial encounter	Diagnosis	ICD-10-CM
V88.0XXD	Person injured in collision between car and two- or three-wheeled motor vehicle, nontraffic, subsequent encounter	Diagnosis	ICD-10-CM
V88.1XXA	Person injured in collision between other motor vehicle and two- or three-wheeled motor vehicle, nontraffic, initial encounter	Diagnosis	ICD-10-CM
V88.1XXD	Person injured in collision between other motor vehicle and two- or three-wheeled motor vehicle, nontraffic, subsequent encounter	Diagnosis	ICD-10-CM
V88.2XXA	Person injured in collision between car and pick-up truck or van, nontraffic, initial encounter	Diagnosis	ICD-10-CM
V88.2XXD	Person injured in collision between car and pick-up truck or van, nontraffic, subsequent encounter	Diagnosis	ICD-10-CM
V88.3XXA	Person injured in collision between car and bus, nontraffic, initial encounter	Diagnosis	ICD-10-CM
V88.3XXD	Person injured in collision between car and bus, nontraffic, subsequent encounter	Diagnosis	ICD-10-CM
V88.4XXA	Person injured in collision between car and heavy transport vehicle, nontraffic, initial encounter	Diagnosis	ICD-10-CM
V88.4XXD	Person injured in collision between car and heavy transport vehicle, nontraffic, subsequent encounter	Diagnosis	ICD-10-CM
V88.5XXA	Person injured in collision between heavy transport vehicle and bus, nontraffic, initial encounter	Diagnosis	ICD-10-CM
V88.5XXD	Person injured in collision between heavy transport vehicle and bus, nontraffic, subsequent encounter	Diagnosis	ICD-10-CM
V88.6XXA	Person injured in collision between railway train or railway vehicle and car, nontraffic, initial encounter	Diagnosis	ICD-10-CM
V88.6XXD	Person injured in collision between railway train or railway vehicle and car, nontraffic, subsequent encounter	Diagnosis	ICD-10-CM
V88.7XXA	Person injured in collision between other specified motor vehicle, nontraffic, initial encounter	Diagnosis	ICD-10-CM
V88.7XXD	Person injured in collision between other specified motor vehicle, nontraffic, subsequent encounter	Diagnosis	ICD-10-CM
V88.8XXA	Person injured in other specified noncollision transport accidents involving motor vehicle, nontraffic, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V88.8XXD	Person injured in other specified noncollision transport accidents involving motor vehicle, nontraffic, subsequent encounter	Diagnosis	ICD-10-CM
V88.9XXA	Person injured in other specified (collision)(noncollision) transport accidents involving nonmotor vehicle, nontraffic, initial encounter	Diagnosis	ICD-10-CM
V88.9XXD	Person injured in other specified (collision)(noncollision) transport accidents involving nonmotor vehicle, nontraffic, subsequent encounter	Diagnosis	ICD-10-CM
V89.0XXA	Person injured in unspecified motor-vehicle accident, nontraffic, initial encounter	Diagnosis	ICD-10-CM
V89.0XXD	Person injured in unspecified motor-vehicle accident, nontraffic, subsequent encounter	Diagnosis	ICD-10-CM
V89.1XXA	Person injured in unspecified nonmotor-vehicle accident, nontraffic, initial encounter	Diagnosis	ICD-10-CM
V89.1XXD	Person injured in unspecified nonmotor-vehicle accident, nontraffic, subsequent encounter	Diagnosis	ICD-10-CM
V89.2XXA	Person injured in unspecified motor-vehicle accident, traffic, initial encounter	Diagnosis	ICD-10-CM
V89.2XXD	Person injured in unspecified motor-vehicle accident, traffic, subsequent encounter	Diagnosis	ICD-10-CM
V89.3XXA	Person injured in unspecified nonmotor-vehicle accident, traffic, initial encounter	Diagnosis	ICD-10-CM
V89.3XXD	Person injured in unspecified nonmotor-vehicle accident, traffic, subsequent encounter	Diagnosis	ICD-10-CM
V89.9XXA	Person injured in unspecified vehicle accident, initial encounter	Diagnosis	ICD-10-CM
V89.9XXD	Person injured in unspecified vehicle accident, subsequent encounter	Diagnosis	ICD-10-CM
V90.00XA	Drowning and submersion due to merchant ship overturning, initial encounter	Diagnosis	ICD-10-CM
V90.00XD	Drowning and submersion due to merchant ship overturning, subsequent encounter	Diagnosis	ICD-10-CM
V90.01XA	Drowning and submersion due to passenger ship overturning, initial encounter	Diagnosis	ICD-10-CM
V90.01XD	Drowning and submersion due to passenger ship overturning, subsequent encounter	Diagnosis	ICD-10-CM
V90.02XA	Drowning and submersion due to fishing boat overturning, initial encounter	Diagnosis	ICD-10-CM
V90.02XD	Drowning and submersion due to fishing boat overturning, subsequent encounter	Diagnosis	ICD-10-CM
V90.03XA	Drowning and submersion due to other powered watercraft overturning, initial encounter	Diagnosis	ICD-10-CM
V90.03XD	Drowning and submersion due to other powered watercraft overturning, subsequent encounter	Diagnosis	ICD-10-CM
V90.04XA	Drowning and submersion due to sailboat overturning, initial encounter	Diagnosis	ICD-10-CM
V90.04XD	Drowning and submersion due to sailboat overturning, subsequent encounter	Diagnosis	ICD-10-CM
V90.05XA	Drowning and submersion due to canoe or kayak overturning, initial encounter	Diagnosis	ICD-10-CM
V90.05XD	Drowning and submersion due to canoe or kayak overturning, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V90.06XA	Drowning and submersion due to (nonpowered) inflatable craft overturning, initial encounter	Diagnosis	ICD-10-CM
V90.06XD	Drowning and submersion due to (nonpowered) inflatable craft overturning, subsequent encounter	Diagnosis	ICD-10-CM
V90.08XA	Drowning and submersion due to other unpowered watercraft overturning, initial encounter	Diagnosis	ICD-10-CM
V90.08XD	Drowning and submersion due to other unpowered watercraft overturning, subsequent encounter	Diagnosis	ICD-10-CM
V90.09XA	Drowning and submersion due to unspecified watercraft overturning, initial encounter	Diagnosis	ICD-10-CM
V90.09XD	Drowning and submersion due to unspecified watercraft overturning, subsequent encounter	Diagnosis	ICD-10-CM
V90.10XA	Drowning and submersion due to merchant ship sinking, initial encounter	Diagnosis	ICD-10-CM
V90.10XD	Drowning and submersion due to merchant ship sinking, subsequent encounter	Diagnosis	ICD-10-CM
V90.11XA	Drowning and submersion due to passenger ship sinking, initial encounter	Diagnosis	ICD-10-CM
V90.11XD	Drowning and submersion due to passenger ship sinking, subsequent encounter	Diagnosis	ICD-10-CM
V90.12XA	Drowning and submersion due to fishing boat sinking, initial encounter	Diagnosis	ICD-10-CM
V90.12XD	Drowning and submersion due to fishing boat sinking, subsequent encounter	Diagnosis	ICD-10-CM
V90.13XA	Drowning and submersion due to other powered watercraft sinking, initial encounter	Diagnosis	ICD-10-CM
V90.13XD	Drowning and submersion due to other powered watercraft sinking, subsequent encounter	Diagnosis	ICD-10-CM
V90.14XA	Drowning and submersion due to sailboat sinking, initial encounter	Diagnosis	ICD-10-CM
V90.14XD	Drowning and submersion due to sailboat sinking, subsequent encounter	Diagnosis	ICD-10-CM
V90.15XA	Drowning and submersion due to canoe or kayak sinking, initial encounter	Diagnosis	ICD-10-CM
V90.15XD	Drowning and submersion due to canoe or kayak sinking, subsequent encounter	Diagnosis	ICD-10-CM
V90.16XA	Drowning and submersion due to (nonpowered) inflatable craft sinking, initial encounter	Diagnosis	ICD-10-CM
V90.16XD	Drowning and submersion due to (nonpowered) inflatable craft sinking, subsequent encounter	Diagnosis	ICD-10-CM
V90.18XA	Drowning and submersion due to other unpowered watercraft sinking, initial encounter	Diagnosis	ICD-10-CM
V90.18XD	Drowning and submersion due to other unpowered watercraft sinking, subsequent encounter	Diagnosis	ICD-10-CM
V90.19XA	Drowning and submersion due to unspecified watercraft sinking, initial encounter	Diagnosis	ICD-10-CM
V90.19XD	Drowning and submersion due to unspecified watercraft sinking, subsequent encounter	Diagnosis	ICD-10-CM
V90.20XA	Drowning and submersion due to falling or jumping from burning merchant ship, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V90.20XD	Drowning and submersion due to falling or jumping from burning merchant ship, subsequent encounter	Diagnosis	ICD-10-CM
V90.21XA	Drowning and submersion due to falling or jumping from burning passenger ship, initial encounter	Diagnosis	ICD-10-CM
V90.21XD	Drowning and submersion due to falling or jumping from burning passenger ship, subsequent encounter	Diagnosis	ICD-10-CM
V90.22XA	Drowning and submersion due to falling or jumping from burning fishing boat, initial encounter	Diagnosis	ICD-10-CM
V90.22XD	Drowning and submersion due to falling or jumping from burning fishing boat, subsequent encounter	Diagnosis	ICD-10-CM
V90.23XA	Drowning and submersion due to falling or jumping from other burning powered watercraft, initial encounter	Diagnosis	ICD-10-CM
V90.23XD	Drowning and submersion due to falling or jumping from other burning powered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V90.24XA	Drowning and submersion due to falling or jumping from burning sailboat, initial encounter	Diagnosis	ICD-10-CM
V90.24XD	Drowning and submersion due to falling or jumping from burning sailboat, subsequent encounter	Diagnosis	ICD-10-CM
V90.25XA	Drowning and submersion due to falling or jumping from burning canoe or kayak, initial encounter	Diagnosis	ICD-10-CM
V90.25XD	Drowning and submersion due to falling or jumping from burning canoe or kayak, subsequent encounter	Diagnosis	ICD-10-CM
V90.26XA	Drowning and submersion due to falling or jumping from burning (nonpowered) inflatable craft, initial encounter	Diagnosis	ICD-10-CM
V90.26XD	Drowning and submersion due to falling or jumping from burning (nonpowered) inflatable craft, subsequent encounter	Diagnosis	ICD-10-CM
V90.27XA	Drowning and submersion due to falling or jumping from burning water-skis, initial encounter	Diagnosis	ICD-10-CM
V90.27XD	Drowning and submersion due to falling or jumping from burning water-skis, subsequent encounter	Diagnosis	ICD-10-CM
V90.28XA	Drowning and submersion due to falling or jumping from other burning unpowered watercraft, initial encounter	Diagnosis	ICD-10-CM
V90.28XD	Drowning and submersion due to falling or jumping from other burning unpowered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V90.29XA	Drowning and submersion due to falling or jumping from unspecified burning watercraft, initial encounter	Diagnosis	ICD-10-CM
V90.29XD	Drowning and submersion due to falling or jumping from unspecified burning watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V90.30XA	Drowning and submersion due to falling or jumping from crushed merchant ship, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V90.30XD	Drowning and submersion due to falling or jumping from crushed merchant ship, subsequent encounter	Diagnosis	ICD-10-CM
V90.31XA	Drowning and submersion due to falling or jumping from crushed passenger ship, initial encounter	Diagnosis	ICD-10-CM
V90.31XD	Drowning and submersion due to falling or jumping from crushed passenger ship, subsequent encounter	Diagnosis	ICD-10-CM
V90.32XA	Drowning and submersion due to falling or jumping from crushed fishing boat, initial encounter	Diagnosis	ICD-10-CM
V90.32XD	Drowning and submersion due to falling or jumping from crushed fishing boat, subsequent encounter	Diagnosis	ICD-10-CM
V90.33XA	Drowning and submersion due to falling or jumping from other crushed powered watercraft, initial encounter	Diagnosis	ICD-10-CM
V90.33XD	Drowning and submersion due to falling or jumping from other crushed powered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V90.34XA	Drowning and submersion due to falling or jumping from crushed sailboat, initial encounter	Diagnosis	ICD-10-CM
V90.34XD	Drowning and submersion due to falling or jumping from crushed sailboat, subsequent encounter	Diagnosis	ICD-10-CM
V90.35XA	Drowning and submersion due to falling or jumping from crushed canoe or kayak, initial encounter	Diagnosis	ICD-10-CM
V90.35XD	Drowning and submersion due to falling or jumping from crushed canoe or kayak, subsequent encounter	Diagnosis	ICD-10-CM
V90.36XA	Drowning and submersion due to falling or jumping from crushed (nonpowered) inflatable craft, initial encounter	Diagnosis	ICD-10-CM
V90.36XD	Drowning and submersion due to falling or jumping from crushed (nonpowered) inflatable craft, subsequent encounter	Diagnosis	ICD-10-CM
V90.37XA	Drowning and submersion due to falling or jumping from crushed water-skis, initial encounter	Diagnosis	ICD-10-CM
V90.37XD	Drowning and submersion due to falling or jumping from crushed water-skis, subsequent encounter	Diagnosis	ICD-10-CM
V90.38XA	Drowning and submersion due to falling or jumping from other crushed unpowered watercraft, initial encounter	Diagnosis	ICD-10-CM
V90.38XD	Drowning and submersion due to falling or jumping from other crushed unpowered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V90.39XA	Drowning and submersion due to falling or jumping from crushed unspecified watercraft, initial encounter	Diagnosis	ICD-10-CM
V90.39XD	Drowning and submersion due to falling or jumping from crushed unspecified watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V90.80XA	Drowning and submersion due to other accident to merchant ship, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V90.80XD	Drowning and submersion due to other accident to merchant ship, subsequent encounter	Diagnosis	ICD-10-CM
V90.81XA	Drowning and submersion due to other accident to passenger ship, initial encounter	Diagnosis	ICD-10-CM
V90.81XD	Drowning and submersion due to other accident to passenger ship, subsequent encounter	Diagnosis	ICD-10-CM
V90.82XA	Drowning and submersion due to other accident to fishing boat, initial encounter	Diagnosis	ICD-10-CM
V90.82XD	Drowning and submersion due to other accident to fishing boat, subsequent encounter	Diagnosis	ICD-10-CM
V90.83XA	Drowning and submersion due to other accident to other powered watercraft, initial encounter	Diagnosis	ICD-10-CM
V90.83XD	Drowning and submersion due to other accident to other powered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V90.84XA	Drowning and submersion due to other accident to sailboat, initial encounter	Diagnosis	ICD-10-CM
V90.84XD	Drowning and submersion due to other accident to sailboat, subsequent encounter	Diagnosis	ICD-10-CM
V90.85XA	Drowning and submersion due to other accident to canoe or kayak, initial encounter	Diagnosis	ICD-10-CM
V90.85XD	Drowning and submersion due to other accident to canoe or kayak, subsequent encounter	Diagnosis	ICD-10-CM
V90.86XA	Drowning and submersion due to other accident to (nonpowered) inflatable craft, initial encounter	Diagnosis	ICD-10-CM
V90.86XD	Drowning and submersion due to other accident to (nonpowered) inflatable craft, subsequent encounter	Diagnosis	ICD-10-CM
V90.87XA	Drowning and submersion due to other accident to water-skis, initial encounter	Diagnosis	ICD-10-CM
V90.87XD	Drowning and submersion due to other accident to water-skis, subsequent encounter	Diagnosis	ICD-10-CM
V90.88XA	Drowning and submersion due to other accident to other unpowered watercraft, initial encounter	Diagnosis	ICD-10-CM
V90.88XD	Drowning and submersion due to other accident to other unpowered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V90.89XA	Drowning and submersion due to other accident to unspecified watercraft, initial encounter	Diagnosis	ICD-10-CM
V90.89XD	Drowning and submersion due to other accident to unspecified watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V91.00XA	Burn due to merchant ship on fire, initial encounter	Diagnosis	ICD-10-CM
V91.00XD	Burn due to merchant ship on fire, subsequent encounter	Diagnosis	ICD-10-CM
V91.01XA	Burn due to passenger ship on fire, initial encounter	Diagnosis	ICD-10-CM
V91.01XD	Burn due to passenger ship on fire, subsequent encounter	Diagnosis	ICD-10-CM
V91.02XA	Burn due to fishing boat on fire, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V91.02XD	Burn due to fishing boat on fire, subsequent encounter	Diagnosis	ICD-10-CM
V91.03XA	Burn due to other powered watercraft on fire, initial encounter	Diagnosis	ICD-10-CM
V91.03XD	Burn due to other powered watercraft on fire, subsequent encounter	Diagnosis	ICD-10-CM
V91.04XA	Burn due to sailboat on fire, initial encounter	Diagnosis	ICD-10-CM
V91.04XD	Burn due to sailboat on fire, subsequent encounter	Diagnosis	ICD-10-CM
V91.05XA	Burn due to canoe or kayak on fire, initial encounter	Diagnosis	ICD-10-CM
V91.05XD	Burn due to canoe or kayak on fire, subsequent encounter	Diagnosis	ICD-10-CM
V91.06XA	Burn due to (nonpowered) inflatable craft on fire, initial encounter	Diagnosis	ICD-10-CM
V91.06XD	Burn due to (nonpowered) inflatable craft on fire, subsequent encounter	Diagnosis	ICD-10-CM
V91.07XA	Burn due to water-skis on fire, initial encounter	Diagnosis	ICD-10-CM
V91.07XD	Burn due to water-skis on fire, subsequent encounter	Diagnosis	ICD-10-CM
V91.08XA	Burn due to other unpowered watercraft on fire, initial encounter	Diagnosis	ICD-10-CM
V91.08XD	Burn due to other unpowered watercraft on fire, subsequent encounter	Diagnosis	ICD-10-CM
V91.09XA	Burn due to unspecified watercraft on fire, initial encounter	Diagnosis	ICD-10-CM
V91.09XD	Burn due to unspecified watercraft on fire, subsequent encounter	Diagnosis	ICD-10-CM
V91.10XA	Crushed between merchant ship and other watercraft or other object due to collision, initial encounter	Diagnosis	ICD-10-CM
V91.10XD	Crushed between merchant ship and other watercraft or other object due to collision, subsequent encounter	Diagnosis	ICD-10-CM
V91.11XA	Crushed between passenger ship and other watercraft or other object due to collision, initial encounter	Diagnosis	ICD-10-CM
V91.11XD	Crushed between passenger ship and other watercraft or other object due to collision, subsequent encounter	Diagnosis	ICD-10-CM
V91.12XA	Crushed between fishing boat and other watercraft or other object due to collision, initial encounter	Diagnosis	ICD-10-CM
V91.12XD	Crushed between fishing boat and other watercraft or other object due to collision, subsequent encounter	Diagnosis	ICD-10-CM
V91.13XA	Crushed between other powered watercraft and other watercraft or other object due to collision, initial encounter	Diagnosis	ICD-10-CM
V91.13XD	Crushed between other powered watercraft and other watercraft or other object due to collision, subsequent encounter	Diagnosis	ICD-10-CM
V91.14XA	Crushed between sailboat and other watercraft or other object due to collision, initial encounter	Diagnosis	ICD-10-CM
V91.14XD	Crushed between sailboat and other watercraft or other object due to collision, subsequent encounter	Diagnosis	ICD-10-CM
V91.15XA	Crushed between canoe or kayak and other watercraft or other object due to collision, initial encounter	Diagnosis	ICD-10-CM
V91.15XD	Crushed between canoe or kayak and other watercraft or other object due to collision, subsequent encounter	Diagnosis	ICD-10-CM
V91.16XA	Crushed between (nonpowered) inflatable craft and other watercraft or other object due to collision, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V91.16XD	Crushed between (nonpowered) inflatable craft and other watercraft or other object due to collision, subsequent encounter	Diagnosis	ICD-10-CM
V91.18XA	Crushed between other unpowered watercraft and other watercraft or other object due to collision, initial encounter	Diagnosis	ICD-10-CM
V91.18XD	Crushed between other unpowered watercraft and other watercraft or other object due to collision, subsequent encounter	Diagnosis	ICD-10-CM
V91.19XA	Crushed between unspecified watercraft and other watercraft or other object due to collision, initial encounter	Diagnosis	ICD-10-CM
V91.19XD	Crushed between unspecified watercraft and other watercraft or other object due to collision, subsequent encounter	Diagnosis	ICD-10-CM
V91.20XA	Fall due to collision between merchant ship and other watercraft or other object, initial encounter	Diagnosis	ICD-10-CM
V91.20XD	Fall due to collision between merchant ship and other watercraft or other object, subsequent encounter	Diagnosis	ICD-10-CM
V91.21XA	Fall due to collision between passenger ship and other watercraft or other object, initial encounter	Diagnosis	ICD-10-CM
V91.21XD	Fall due to collision between passenger ship and other watercraft or other object, subsequent encounter	Diagnosis	ICD-10-CM
V91.22XA	Fall due to collision between fishing boat and other watercraft or other object, initial encounter	Diagnosis	ICD-10-CM
V91.22XD	Fall due to collision between fishing boat and other watercraft or other object, subsequent encounter	Diagnosis	ICD-10-CM
V91.23XA	Fall due to collision between other powered watercraft and other watercraft or other object, initial encounter	Diagnosis	ICD-10-CM
V91.23XD	Fall due to collision between other powered watercraft and other watercraft or other object, subsequent encounter	Diagnosis	ICD-10-CM
V91.24XA	Fall due to collision between sailboat and other watercraft or other object, initial encounter	Diagnosis	ICD-10-CM
V91.24XD	Fall due to collision between sailboat and other watercraft or other object, subsequent encounter	Diagnosis	ICD-10-CM
V91.25XA	Fall due to collision between canoe or kayak and other watercraft or other object, initial encounter	Diagnosis	ICD-10-CM
V91.25XD	Fall due to collision between canoe or kayak and other watercraft or other object, subsequent encounter	Diagnosis	ICD-10-CM
V91.26XA	Fall due to collision between (nonpowered) inflatable craft and other watercraft or other object, initial encounter	Diagnosis	ICD-10-CM
V91.26XD	Fall due to collision between (nonpowered) inflatable craft and other watercraft or other object, subsequent encounter	Diagnosis	ICD-10-CM
V91.29XA	Fall due to collision between unspecified watercraft and other watercraft or other object, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V91.29XD	Fall due to collision between unspecified watercraft and other watercraft or other object, subsequent encounter	Diagnosis	ICD-10-CM
V91.30XA	Hit or struck by falling object due to accident to merchant ship, initial encounter	Diagnosis	ICD-10-CM
V91.30XD	Hit or struck by falling object due to accident to merchant ship, subsequent encounter	Diagnosis	ICD-10-CM
V91.31XA	Hit or struck by falling object due to accident to passenger ship, initial encounter	Diagnosis	ICD-10-CM
V91.31XD	Hit or struck by falling object due to accident to passenger ship, subsequent encounter	Diagnosis	ICD-10-CM
V91.32XA	Hit or struck by falling object due to accident to fishing boat, initial encounter	Diagnosis	ICD-10-CM
V91.32XD	Hit or struck by falling object due to accident to fishing boat, subsequent encounter	Diagnosis	ICD-10-CM
V91.33XA	Hit or struck by falling object due to accident to other powered watercraft, initial encounter	Diagnosis	ICD-10-CM
V91.33XD	Hit or struck by falling object due to accident to other powered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V91.34XA	Hit or struck by falling object due to accident to sailboat, initial encounter	Diagnosis	ICD-10-CM
V91.34XD	Hit or struck by falling object due to accident to sailboat, subsequent encounter	Diagnosis	ICD-10-CM
V91.35XA	Hit or struck by falling object due to accident to canoe or kayak, initial encounter	Diagnosis	ICD-10-CM
V91.35XD	Hit or struck by falling object due to accident to canoe or kayak, subsequent encounter	Diagnosis	ICD-10-CM
V91.36XA	Hit or struck by falling object due to accident to (nonpowered) inflatable craft, initial encounter	Diagnosis	ICD-10-CM
V91.36XD	Hit or struck by falling object due to accident to (nonpowered) inflatable craft, subsequent encounter	Diagnosis	ICD-10-CM
V91.37XA	Hit or struck by falling object due to accident to water-skis, initial encounter	Diagnosis	ICD-10-CM
V91.37XD	Hit or struck by falling object due to accident to water-skis, subsequent encounter	Diagnosis	ICD-10-CM
V91.38XA	Hit or struck by falling object due to accident to other unpowered watercraft, initial encounter	Diagnosis	ICD-10-CM
V91.38XD	Hit or struck by falling object due to accident to other unpowered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V91.39XA	Hit or struck by falling object due to accident to unspecified watercraft, initial encounter	Diagnosis	ICD-10-CM
V91.39XD	Hit or struck by falling object due to accident to unspecified watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V91.80XA	Other injury due to other accident to merchant ship, initial encounter	Diagnosis	ICD-10-CM
V91.80XD	Other injury due to other accident to merchant ship, subsequent encounter	Diagnosis	ICD-10-CM
V91.81XA	Other injury due to other accident to passenger ship, initial encounter	Diagnosis	ICD-10-CM
V91.81XD	Other injury due to other accident to passenger ship, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V91.82XA	Other injury due to other accident to fishing boat, initial encounter	Diagnosis	ICD-10-CM
V91.82XD	Other injury due to other accident to fishing boat, subsequent encounter	Diagnosis	ICD-10-CM
V91.83XA	Other injury due to other accident to other powered watercraft, initial encounter	Diagnosis	ICD-10-CM
V91.83XD	Other injury due to other accident to other powered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V91.84XA	Other injury due to other accident to sailboat, initial encounter	Diagnosis	ICD-10-CM
V91.84XD	Other injury due to other accident to sailboat, subsequent encounter	Diagnosis	ICD-10-CM
V91.85XA	Other injury due to other accident to canoe or kayak, initial encounter	Diagnosis	ICD-10-CM
V91.85XD	Other injury due to other accident to canoe or kayak, subsequent encounter	Diagnosis	ICD-10-CM
V91.86XA	Other injury due to other accident to (nonpowered) inflatable craft, initial encounter	Diagnosis	ICD-10-CM
V91.86XD	Other injury due to other accident to (nonpowered) inflatable craft, subsequent encounter	Diagnosis	ICD-10-CM
V91.87XA	Other injury due to other accident to water-skis, initial encounter	Diagnosis	ICD-10-CM
V91.87XD	Other injury due to other accident to water-skis, subsequent encounter	Diagnosis	ICD-10-CM
V91.88XA	Other injury due to other accident to other unpowered watercraft, initial encounter	Diagnosis	ICD-10-CM
V91.88XD	Other injury due to other accident to other unpowered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V91.89XA	Other injury due to other accident to unspecified watercraft, initial encounter	Diagnosis	ICD-10-CM
V91.89XD	Other injury due to other accident to unspecified watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V92.00XA	Drowning and submersion due to fall off merchant ship, initial encounter	Diagnosis	ICD-10-CM
V92.00XD	Drowning and submersion due to fall off merchant ship, subsequent encounter	Diagnosis	ICD-10-CM
V92.01XA	Drowning and submersion due to fall off passenger ship, initial encounter	Diagnosis	ICD-10-CM
V92.01XD	Drowning and submersion due to fall off passenger ship, subsequent encounter	Diagnosis	ICD-10-CM
V92.02XA	Drowning and submersion due to fall off fishing boat, initial encounter	Diagnosis	ICD-10-CM
V92.02XD	Drowning and submersion due to fall off fishing boat, subsequent encounter	Diagnosis	ICD-10-CM
V92.03XA	Drowning and submersion due to fall off other powered watercraft, initial encounter	Diagnosis	ICD-10-CM
V92.03XD	Drowning and submersion due to fall off other powered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V92.04XA	Drowning and submersion due to fall off sailboat, initial encounter	Diagnosis	ICD-10-CM
V92.04XD	Drowning and submersion due to fall off sailboat, subsequent encounter	Diagnosis	ICD-10-CM
V92.05XA	Drowning and submersion due to fall off canoe or kayak, initial encounter	Diagnosis	ICD-10-CM
V92.05XD	Drowning and submersion due to fall off canoe or kayak, subsequent encounter	Diagnosis	ICD-10-CM
V92.06XA	Drowning and submersion due to fall off (nonpowered) inflatable craft, initial encounter	Diagnosis	ICD-10-CM
V92.06XD	Drowning and submersion due to fall off (nonpowered) inflatable craft, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V92.07XA	Drowning and submersion due to fall off water-skis, initial encounter	Diagnosis	ICD-10-CM
V92.07XD	Drowning and submersion due to fall off water-skis, subsequent encounter	Diagnosis	ICD-10-CM
V92.08XA	Drowning and submersion due to fall off other unpowered watercraft, initial encounter	Diagnosis	ICD-10-CM
V92.08XD	Drowning and submersion due to fall off other unpowered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V92.09XA	Drowning and submersion due to fall off unspecified watercraft, initial encounter	Diagnosis	ICD-10-CM
V92.09XD	Drowning and submersion due to fall off unspecified watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V92.10XA	Drowning and submersion due to being thrown overboard by motion of merchant ship, initial encounter	Diagnosis	ICD-10-CM
V92.10XD	Drowning and submersion due to being thrown overboard by motion of merchant ship, subsequent encounter	Diagnosis	ICD-10-CM
V92.11XA	Drowning and submersion due to being thrown overboard by motion of passenger ship, initial encounter	Diagnosis	ICD-10-CM
V92.11XD	Drowning and submersion due to being thrown overboard by motion of passenger ship, subsequent encounter	Diagnosis	ICD-10-CM
V92.12XA	Drowning and submersion due to being thrown overboard by motion of fishing boat, initial encounter	Diagnosis	ICD-10-CM
V92.12XD	Drowning and submersion due to being thrown overboard by motion of fishing boat, subsequent encounter	Diagnosis	ICD-10-CM
V92.13XA	Drowning and submersion due to being thrown overboard by motion of other powered watercraft, initial encounter	Diagnosis	ICD-10-CM
V92.13XD	Drowning and submersion due to being thrown overboard by motion of other powered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V92.14XA	Drowning and submersion due to being thrown overboard by motion of sailboat, initial encounter	Diagnosis	ICD-10-CM
V92.14XD	Drowning and submersion due to being thrown overboard by motion of sailboat, subsequent encounter	Diagnosis	ICD-10-CM
V92.15XA	Drowning and submersion due to being thrown overboard by motion of canoe or kayak, initial encounter	Diagnosis	ICD-10-CM
V92.15XD	Drowning and submersion due to being thrown overboard by motion of canoe or kayak, subsequent encounter	Diagnosis	ICD-10-CM
V92.16XA	Drowning and submersion due to being thrown overboard by motion of (nonpowered) inflatable craft, initial encounter	Diagnosis	ICD-10-CM
V92.16XD	Drowning and submersion due to being thrown overboard by motion of (nonpowered) inflatable craft, subsequent encounter	Diagnosis	ICD-10-CM
V92.19XA	Drowning and submersion due to being thrown overboard by motion of unspecified watercraft, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V92.19XD	Drowning and submersion due to being thrown overboard by motion of unspecified watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V92.20XA	Drowning and submersion due to being washed overboard from merchant ship, initial encounter	Diagnosis	ICD-10-CM
V92.20XD	Drowning and submersion due to being washed overboard from merchant ship, subsequent encounter	Diagnosis	ICD-10-CM
V92.21XA	Drowning and submersion due to being washed overboard from passenger ship, initial encounter	Diagnosis	ICD-10-CM
V92.21XD	Drowning and submersion due to being washed overboard from passenger ship, subsequent encounter	Diagnosis	ICD-10-CM
V92.22XA	Drowning and submersion due to being washed overboard from fishing boat, initial encounter	Diagnosis	ICD-10-CM
V92.22XD	Drowning and submersion due to being washed overboard from fishing boat, subsequent encounter	Diagnosis	ICD-10-CM
V92.23XA	Drowning and submersion due to being washed overboard from other powered watercraft, initial encounter	Diagnosis	ICD-10-CM
V92.23XD	Drowning and submersion due to being washed overboard from other powered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V92.24XA	Drowning and submersion due to being washed overboard from sailboat, initial encounter	Diagnosis	ICD-10-CM
V92.24XD	Drowning and submersion due to being washed overboard from sailboat, subsequent encounter	Diagnosis	ICD-10-CM
V92.25XA	Drowning and submersion due to being washed overboard from canoe or kayak, initial encounter	Diagnosis	ICD-10-CM
V92.25XD	Drowning and submersion due to being washed overboard from canoe or kayak, subsequent encounter	Diagnosis	ICD-10-CM
V92.26XA	Drowning and submersion due to being washed overboard from (nonpowered) inflatable craft, initial encounter	Diagnosis	ICD-10-CM
V92.26XD	Drowning and submersion due to being washed overboard from (nonpowered) inflatable craft, subsequent encounter	Diagnosis	ICD-10-CM
V92.27XA	Drowning and submersion due to being washed overboard from water-skis, initial encounter	Diagnosis	ICD-10-CM
V92.27XD	Drowning and submersion due to being washed overboard from water-skis, subsequent encounter	Diagnosis	ICD-10-CM
V92.28XA	Drowning and submersion due to being washed overboard from other unpowered watercraft, initial encounter	Diagnosis	ICD-10-CM
V92.28XD	Drowning and submersion due to being washed overboard from other unpowered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V92.29XA	Drowning and submersion due to being washed overboard from unspecified watercraft, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V92.29XD	Drowning and submersion due to being washed overboard from unspecified watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V93.00XA	Burn due to localized fire on board merchant vessel, initial encounter	Diagnosis	ICD-10-CM
V93.00XD	Burn due to localized fire on board merchant vessel, subsequent encounter	Diagnosis	ICD-10-CM
V93.01XA	Burn due to localized fire on board passenger vessel, initial encounter	Diagnosis	ICD-10-CM
V93.01XD	Burn due to localized fire on board passenger vessel, subsequent encounter	Diagnosis	ICD-10-CM
V93.02XA	Burn due to localized fire on board fishing boat, initial encounter	Diagnosis	ICD-10-CM
V93.02XD	Burn due to localized fire on board fishing boat, subsequent encounter	Diagnosis	ICD-10-CM
V93.03XA	Burn due to localized fire on board other powered watercraft, initial encounter	Diagnosis	ICD-10-CM
V93.03XD	Burn due to localized fire on board other powered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V93.04XA	Burn due to localized fire on board sailboat, initial encounter	Diagnosis	ICD-10-CM
V93.04XD	Burn due to localized fire on board sailboat, subsequent encounter	Diagnosis	ICD-10-CM
V93.09XA	Burn due to localized fire on board unspecified watercraft, initial encounter	Diagnosis	ICD-10-CM
V93.09XD	Burn due to localized fire on board unspecified watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V93.10XA	Other burn on board merchant vessel, initial encounter	Diagnosis	ICD-10-CM
V93.10XD	Other burn on board merchant vessel, subsequent encounter	Diagnosis	ICD-10-CM
V93.11XA	Other burn on board passenger vessel, initial encounter	Diagnosis	ICD-10-CM
V93.11XD	Other burn on board passenger vessel, subsequent encounter	Diagnosis	ICD-10-CM
V93.12XA	Other burn on board fishing boat, initial encounter	Diagnosis	ICD-10-CM
V93.12XD	Other burn on board fishing boat, subsequent encounter	Diagnosis	ICD-10-CM
V93.13XA	Other burn on board other powered watercraft, initial encounter	Diagnosis	ICD-10-CM
V93.13XD	Other burn on board other powered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V93.14XA	Other burn on board sailboat, initial encounter	Diagnosis	ICD-10-CM
V93.14XD	Other burn on board sailboat, subsequent encounter	Diagnosis	ICD-10-CM
V93.19XA	Other burn on board unspecified watercraft, initial encounter	Diagnosis	ICD-10-CM
V93.19XD	Other burn on board unspecified watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V93.20XA	Heat exposure on board merchant ship, initial encounter	Diagnosis	ICD-10-CM
V93.20XD	Heat exposure on board merchant ship, subsequent encounter	Diagnosis	ICD-10-CM
V93.21XA	Heat exposure on board passenger ship, initial encounter	Diagnosis	ICD-10-CM
V93.21XD	Heat exposure on board passenger ship, subsequent encounter	Diagnosis	ICD-10-CM
V93.22XA	Heat exposure on board fishing boat, initial encounter	Diagnosis	ICD-10-CM
V93.22XD	Heat exposure on board fishing boat, subsequent encounter	Diagnosis	ICD-10-CM
V93.23XA	Heat exposure on board other powered watercraft, initial encounter	Diagnosis	ICD-10-CM
V93.23XD	Heat exposure on board other powered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V93.24XA	Heat exposure on board sailboat, initial encounter	Diagnosis	ICD-10-CM
V93.24XD	Heat exposure on board sailboat, subsequent encounter	Diagnosis	ICD-10-CM
V93.29XA	Heat exposure on board unspecified watercraft, initial encounter	Diagnosis	ICD-10-CM
V93.29XD	Heat exposure on board unspecified watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V93.30XA	Fall on board merchant ship, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V93.30XD	Fall on board merchant ship, subsequent encounter	Diagnosis	ICD-10-CM
V93.31XA	Fall on board passenger ship, initial encounter	Diagnosis	ICD-10-CM
V93.31XD	Fall on board passenger ship, subsequent encounter	Diagnosis	ICD-10-CM
V93.32XA	Fall on board fishing boat, initial encounter	Diagnosis	ICD-10-CM
V93.32XD	Fall on board fishing boat, subsequent encounter	Diagnosis	ICD-10-CM
V93.33XA	Fall on board other powered watercraft, initial encounter	Diagnosis	ICD-10-CM
V93.33XD	Fall on board other powered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V93.34XA	Fall on board sailboat, initial encounter	Diagnosis	ICD-10-CM
V93.34XD	Fall on board sailboat, subsequent encounter	Diagnosis	ICD-10-CM
V93.35XA	Fall on board canoe or kayak, initial encounter	Diagnosis	ICD-10-CM
V93.35XD	Fall on board canoe or kayak, subsequent encounter	Diagnosis	ICD-10-CM
V93.36XA	Fall on board (nonpowered) inflatable craft, initial encounter	Diagnosis	ICD-10-CM
V93.36XD	Fall on board (nonpowered) inflatable craft, subsequent encounter	Diagnosis	ICD-10-CM
V93.38XA	Fall on board other unpowered watercraft, initial encounter	Diagnosis	ICD-10-CM
V93.38XD	Fall on board other unpowered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V93.39XA	Fall on board unspecified watercraft, initial encounter	Diagnosis	ICD-10-CM
V93.39XD	Fall on board unspecified watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V93.40XA	Struck by falling object on merchant ship, initial encounter	Diagnosis	ICD-10-CM
V93.40XD	Struck by falling object on merchant ship, subsequent encounter	Diagnosis	ICD-10-CM
V93.41XA	Struck by falling object on passenger ship, initial encounter	Diagnosis	ICD-10-CM
V93.41XD	Struck by falling object on passenger ship, subsequent encounter	Diagnosis	ICD-10-CM
V93.42XA	Struck by falling object on fishing boat, initial encounter	Diagnosis	ICD-10-CM
V93.42XD	Struck by falling object on fishing boat, subsequent encounter	Diagnosis	ICD-10-CM
V93.43XA	Struck by falling object on other powered watercraft, initial encounter	Diagnosis	ICD-10-CM
V93.43XD	Struck by falling object on other powered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V93.44XA	Struck by falling object on sailboat, initial encounter	Diagnosis	ICD-10-CM
V93.44XD	Struck by falling object on sailboat, subsequent encounter	Diagnosis	ICD-10-CM
V93.48XA	Struck by falling object on other unpowered watercraft, initial encounter	Diagnosis	ICD-10-CM
V93.48XD	Struck by falling object on other unpowered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V93.49XA	Struck by falling object on unspecified watercraft, initial encounter	Diagnosis	ICD-10-CM
V93.49XD	Struck by falling object on unspecified watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V93.50XA	Explosion on board merchant ship, initial encounter	Diagnosis	ICD-10-CM
V93.50XD	Explosion on board merchant ship, subsequent encounter	Diagnosis	ICD-10-CM
V93.51XA	Explosion on board passenger ship, initial encounter	Diagnosis	ICD-10-CM
V93.51XD	Explosion on board passenger ship, subsequent encounter	Diagnosis	ICD-10-CM
V93.52XA	Explosion on board fishing boat, initial encounter	Diagnosis	ICD-10-CM
V93.52XD	Explosion on board fishing boat, subsequent encounter	Diagnosis	ICD-10-CM
V93.53XA	Explosion on board other powered watercraft, initial encounter	Diagnosis	ICD-10-CM
V93.53XD	Explosion on board other powered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V93.54XA	Explosion on board sailboat, initial encounter	Diagnosis	ICD-10-CM
V93.54XD	Explosion on board sailboat, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V93.59XA	Explosion on board unspecified watercraft, initial encounter	Diagnosis	ICD-10-CM
V93.59XD	Explosion on board unspecified watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V93.60XA	Machinery accident on board merchant ship, initial encounter	Diagnosis	ICD-10-CM
V93.60XD	Machinery accident on board merchant ship, subsequent encounter	Diagnosis	ICD-10-CM
V93.61XA	Machinery accident on board passenger ship, initial encounter	Diagnosis	ICD-10-CM
V93.61XD	Machinery accident on board passenger ship, subsequent encounter	Diagnosis	ICD-10-CM
V93.62XA	Machinery accident on board fishing boat, initial encounter	Diagnosis	ICD-10-CM
V93.62XD	Machinery accident on board fishing boat, subsequent encounter	Diagnosis	ICD-10-CM
V93.63XA	Machinery accident on board other powered watercraft, initial encounter	Diagnosis	ICD-10-CM
V93.63XD	Machinery accident on board other powered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V93.64XA	Machinery accident on board sailboat, initial encounter	Diagnosis	ICD-10-CM
V93.64XD	Machinery accident on board sailboat, subsequent encounter	Diagnosis	ICD-10-CM
V93.69XA	Machinery accident on board unspecified watercraft, initial encounter	Diagnosis	ICD-10-CM
V93.69XD	Machinery accident on board unspecified watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V93.80XA	Other injury due to other accident on board merchant ship, initial encounter	Diagnosis	ICD-10-CM
V93.80XD	Other injury due to other accident on board merchant ship, subsequent encounter	Diagnosis	ICD-10-CM
V93.81XA	Other injury due to other accident on board passenger ship, initial encounter	Diagnosis	ICD-10-CM
V93.81XD	Other injury due to other accident on board passenger ship, subsequent encounter	Diagnosis	ICD-10-CM
V93.82XA	Other injury due to other accident on board fishing boat, initial encounter	Diagnosis	ICD-10-CM
V93.82XD	Other injury due to other accident on board fishing boat, subsequent encounter	Diagnosis	ICD-10-CM
V93.83XA	Other injury due to other accident on board other powered watercraft, initial encounter	Diagnosis	ICD-10-CM
V93.83XD	Other injury due to other accident on board other powered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V93.84XA	Other injury due to other accident on board sailboat, initial encounter	Diagnosis	ICD-10-CM
V93.84XD	Other injury due to other accident on board sailboat, subsequent encounter	Diagnosis	ICD-10-CM
V93.85XA	Other injury due to other accident on board canoe or kayak, initial encounter	Diagnosis	ICD-10-CM
V93.85XD	Other injury due to other accident on board canoe or kayak, subsequent encounter	Diagnosis	ICD-10-CM
V93.86XA	Other injury due to other accident on board (nonpowered) inflatable craft, initial encounter	Diagnosis	ICD-10-CM
V93.86XD	Other injury due to other accident on board (nonpowered) inflatable craft, subsequent encounter	Diagnosis	ICD-10-CM
V93.87XA	Other injury due to other accident on board water-skis, initial encounter	Diagnosis	ICD-10-CM
V93.87XD	Other injury due to other accident on board water-skis, subsequent encounter	Diagnosis	ICD-10-CM
V93.88XA	Other injury due to other accident on board other unpowered watercraft, initial encounter	Diagnosis	ICD-10-CM
V93.88XD	Other injury due to other accident on board other unpowered watercraft, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V93.89XA	Other injury due to other accident on board unspecified watercraft, initial encounter	Diagnosis	ICD-10-CM
V93.89XD	Other injury due to other accident on board unspecified watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V94.0XXA	Hitting object or bottom of body of water due to fall from watercraft, initial encounter	Diagnosis	ICD-10-CM
V94.0XXD	Hitting object or bottom of body of water due to fall from watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V94.11XA	Bather struck by powered watercraft, initial encounter	Diagnosis	ICD-10-CM
V94.11XD	Bather struck by powered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V94.12XA	Bather struck by nonpowered watercraft, initial encounter	Diagnosis	ICD-10-CM
V94.12XD	Bather struck by nonpowered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V94.21XA	Rider of nonpowered watercraft struck by other nonpowered watercraft, initial encounter	Diagnosis	ICD-10-CM
V94.21XD	Rider of nonpowered watercraft struck by other nonpowered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V94.22XA	Rider of nonpowered watercraft struck by powered watercraft, initial encounter	Diagnosis	ICD-10-CM
V94.22XD	Rider of nonpowered watercraft struck by powered watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V94.31XA	Injury to rider of (inflatable) recreational watercraft being pulled behind other watercraft, initial encounter	Diagnosis	ICD-10-CM
V94.31XD	Injury to rider of (inflatable) recreational watercraft being pulled behind other watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V94.32XA	Injury to rider of non-recreational watercraft being pulled behind other watercraft, initial encounter	Diagnosis	ICD-10-CM
V94.32XD	Injury to rider of non-recreational watercraft being pulled behind other watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V94.4XXA	Injury to barefoot water-skier, initial encounter	Diagnosis	ICD-10-CM
V94.4XXD	Injury to barefoot water-skier, subsequent encounter	Diagnosis	ICD-10-CM
V94.810A	Civilian watercraft involved in water transport accident with military watercraft, initial encounter	Diagnosis	ICD-10-CM
V94.810D	Civilian watercraft involved in water transport accident with military watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V94.811A	Civilian in water injured by military watercraft, initial encounter	Diagnosis	ICD-10-CM
V94.811D	Civilian in water injured by military watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V94.818A	Other water transport accident involving military watercraft, initial encounter	Diagnosis	ICD-10-CM
V94.818D	Other water transport accident involving military watercraft, subsequent encounter	Diagnosis	ICD-10-CM
V94.89XA	Other water transport accident, initial encounter	Diagnosis	ICD-10-CM
V94.89XD	Other water transport accident, subsequent encounter	Diagnosis	ICD-10-CM
V94.9XXA	Unspecified water transport accident, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V94.9XXD	Unspecified water transport accident, subsequent encounter	Diagnosis	ICD-10-CM
V95.00XA	Unspecified helicopter accident injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.00XD	Unspecified helicopter accident injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.01XA	Helicopter crash injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.01XD	Helicopter crash injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.02XA	Forced landing of helicopter injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.02XD	Forced landing of helicopter injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.03XA	Helicopter collision injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.03XD	Helicopter collision injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.04XA	Helicopter fire injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.04XD	Helicopter fire injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.05XA	Helicopter explosion injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.05XD	Helicopter explosion injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.09XA	Other helicopter accident injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.09XD	Other helicopter accident injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.10XA	Unspecified ultralight, microlight or powered-glider accident injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.10XD	Unspecified ultralight, microlight or powered-glider accident injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.11XA	Ultralight, microlight or powered-glider crash injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.11XD	Ultralight, microlight or powered-glider crash injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.12XA	Forced landing of ultralight, microlight or powered-glider injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.12XD	Forced landing of ultralight, microlight or powered-glider injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.13XA	Ultralight, microlight or powered-glider collision injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.13XD	Ultralight, microlight or powered-glider collision injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.14XA	Ultralight, microlight or powered-glider fire injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.14XD	Ultralight, microlight or powered-glider fire injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.15XA	Ultralight, microlight or powered-glider explosion injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.15XD	Ultralight, microlight or powered-glider explosion injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.19XA	Other ultralight, microlight or powered-glider accident injuring occupant, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V95.19XD	Other ultralight, microlight or powered-glider accident injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.20XA	Unspecified accident to other private fixed-wing aircraft, injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.20XD	Unspecified accident to other private fixed-wing aircraft, injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.21XA	Other private fixed-wing aircraft crash injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.21XD	Other private fixed-wing aircraft crash injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.22XA	Forced landing of other private fixed-wing aircraft injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.22XD	Forced landing of other private fixed-wing aircraft injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.23XA	Other private fixed-wing aircraft collision injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.23XD	Other private fixed-wing aircraft collision injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.24XA	Other private fixed-wing aircraft fire injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.24XD	Other private fixed-wing aircraft fire injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.25XA	Other private fixed-wing aircraft explosion injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.25XD	Other private fixed-wing aircraft explosion injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.29XA	Other accident to other private fixed-wing aircraft injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.29XD	Other accident to other private fixed-wing aircraft injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.30XA	Unspecified accident to commercial fixed-wing aircraft injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.30XD	Unspecified accident to commercial fixed-wing aircraft injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.31XA	Commercial fixed-wing aircraft crash injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.31XD	Commercial fixed-wing aircraft crash injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.32XA	Forced landing of commercial fixed-wing aircraft injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.32XD	Forced landing of commercial fixed-wing aircraft injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.33XA	Commercial fixed-wing aircraft collision injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.33XD	Commercial fixed-wing aircraft collision injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.34XA	Commercial fixed-wing aircraft fire injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.34XD	Commercial fixed-wing aircraft fire injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.35XA	Commercial fixed-wing aircraft explosion injuring occupant, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V95.35XD	Commercial fixed-wing aircraft explosion injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.39XA	Other accident to commercial fixed-wing aircraft injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.39XD	Other accident to commercial fixed-wing aircraft injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.40XA	Unspecified spacecraft accident injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.40XD	Unspecified spacecraft accident injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.41XA	Spacecraft crash injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.41XD	Spacecraft crash injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.42XA	Forced landing of spacecraft injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.42XD	Forced landing of spacecraft injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.43XA	Spacecraft collision injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.43XD	Spacecraft collision injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.44XA	Spacecraft fire injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.44XD	Spacecraft fire injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.45XA	Spacecraft explosion injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.45XD	Spacecraft explosion injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.49XA	Other spacecraft accident injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.49XD	Other spacecraft accident injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.8XXA	Other powered aircraft accidents injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.8XXD	Other powered aircraft accidents injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V95.9XXA	Unspecified aircraft accident injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V95.9XXD	Unspecified aircraft accident injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.00XA	Unspecified balloon accident injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.00XD	Unspecified balloon accident injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.01XA	Balloon crash injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.01XD	Balloon crash injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.02XA	Forced landing of balloon injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.02XD	Forced landing of balloon injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.03XA	Balloon collision injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.03XD	Balloon collision injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.04XA	Balloon fire injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.04XD	Balloon fire injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.05XA	Balloon explosion injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.05XD	Balloon explosion injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.09XA	Other balloon accident injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.09XD	Other balloon accident injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.10XA	Unspecified hang-glider accident injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.10XD	Unspecified hang-glider accident injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.11XA	Hang-glider crash injuring occupant, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
V96.11XD	Hang-glider crash injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.12XA	Forced landing of hang-glider injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.12XD	Forced landing of hang-glider injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.13XA	Hang-glider collision injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.13XD	Hang-glider collision injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.14XA	Hang-glider fire injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.14XD	Hang-glider fire injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.15XA	Hang-glider explosion injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.15XD	Hang-glider explosion injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.19XA	Other hang-glider accident injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.19XD	Other hang-glider accident injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.20XA	Unspecified glider (nonpowered) accident injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.20XD	Unspecified glider (nonpowered) accident injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.21XA	Glider (nonpowered) crash injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.21XD	Glider (nonpowered) crash injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.22XA	Forced landing of glider (nonpowered) injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.22XD	Forced landing of glider (nonpowered) injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.23XA	Glider (nonpowered) collision injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.23XD	Glider (nonpowered) collision injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.24XA	Glider (nonpowered) fire injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.24XD	Glider (nonpowered) fire injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.25XA	Glider (nonpowered) explosion injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.25XD	Glider (nonpowered) explosion injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.29XA	Other glider (nonpowered) accident injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.29XD	Other glider (nonpowered) accident injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.8XXA	Other nonpowered-aircraft accidents injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.8XXD	Other nonpowered-aircraft accidents injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V96.9XXA	Unspecified nonpowered-aircraft accident injuring occupant, initial encounter	Diagnosis	ICD-10-CM
V96.9XXD	Unspecified nonpowered-aircraft accident injuring occupant, subsequent encounter	Diagnosis	ICD-10-CM
V97.0XXA	Occupant of aircraft injured in other specified air transport accidents, initial encounter	Diagnosis	ICD-10-CM
V97.0XXD	Occupant of aircraft injured in other specified air transport accidents, subsequent encounter	Diagnosis	ICD-10-CM
V97.1XXA	Person injured while boarding or alighting from aircraft, initial encounter	Diagnosis	ICD-10-CM
V97.1XXD	Person injured while boarding or alighting from aircraft, subsequent encounter	Diagnosis	ICD-10-CM
V97.21XA	Parachutist entangled in object, initial encounter	Diagnosis	ICD-10-CM
V97.21XD	Parachutist entangled in object, subsequent encounter	Diagnosis	ICD-10-CM
V97.22XA	Parachutist injured on landing, initial encounter	Diagnosis	ICD-10-CM
V97.22XD	Parachutist injured on landing, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
V97.29XA	Other parachutist accident, initial encounter	Diagnosis	ICD-10-CM
V97.29XD	Other parachutist accident, subsequent encounter	Diagnosis	ICD-10-CM
V97.31XA	Hit by object falling from aircraft, initial encounter	Diagnosis	ICD-10-CM
V97.31XD	Hit by object falling from aircraft, subsequent encounter	Diagnosis	ICD-10-CM
V97.32XA	Injured by rotating propeller, initial encounter	Diagnosis	ICD-10-CM
V97.32XD	Injured by rotating propeller, subsequent encounter	Diagnosis	ICD-10-CM
V97.33XA	Sucked into jet engine, initial encounter	Diagnosis	ICD-10-CM
V97.33XD	Sucked into jet engine, subsequent encounter	Diagnosis	ICD-10-CM
V97.39XA	Other injury to person on ground due to air transport accident, initial encounter	Diagnosis	ICD-10-CM
V97.39XD	Other injury to person on ground due to air transport accident, subsequent encounter	Diagnosis	ICD-10-CM
V97.810A	Civilian aircraft involved in air transport accident with military aircraft, initial encounter	Diagnosis	ICD-10-CM
V97.810D	Civilian aircraft involved in air transport accident with military aircraft, subsequent encounter	Diagnosis	ICD-10-CM
V97.811A	Civilian injured by military aircraft, initial encounter	Diagnosis	ICD-10-CM
V97.811D	Civilian injured by military aircraft, subsequent encounter	Diagnosis	ICD-10-CM
V97.818A	Other air transport accident involving military aircraft, initial encounter	Diagnosis	ICD-10-CM
V97.818D	Other air transport accident involving military aircraft, subsequent encounter	Diagnosis	ICD-10-CM
V97.89XA	Other air transport accidents, not elsewhere classified, initial encounter	Diagnosis	ICD-10-CM
V97.89XD	Other air transport accidents, not elsewhere classified, subsequent encounter	Diagnosis	ICD-10-CM
V98.0XXA	Accident to, on or involving cable-car, not on rails, initial encounter	Diagnosis	ICD-10-CM
V98.0XXD	Accident to, on or involving cable-car, not on rails, subsequent encounter	Diagnosis	ICD-10-CM
V98.1XXA	Accident to, on or involving land-yacht, initial encounter	Diagnosis	ICD-10-CM
V98.1XXD	Accident to, on or involving land-yacht, subsequent encounter	Diagnosis	ICD-10-CM
V98.2XXA	Accident to, on or involving ice yacht, initial encounter	Diagnosis	ICD-10-CM
V98.2XXD	Accident to, on or involving ice yacht, subsequent encounter	Diagnosis	ICD-10-CM
V98.3XXA	Accident to, on or involving ski lift, initial encounter	Diagnosis	ICD-10-CM
V98.3XXD	Accident to, on or involving ski lift, subsequent encounter	Diagnosis	ICD-10-CM
V98.8XXA	Other specified transport accidents, initial encounter	Diagnosis	ICD-10-CM
V98.8XXD	Other specified transport accidents, subsequent encounter	Diagnosis	ICD-10-CM
V99.XXXA	Unspecified transport accident, initial encounter	Diagnosis	ICD-10-CM
V99.XXXD	Unspecified transport accident, subsequent encounter	Diagnosis	ICD-10-CM
W00.1XXA	Fall from stairs and steps due to ice and snow, initial encounter	Diagnosis	ICD-10-CM
W00.1XXD	Fall from stairs and steps due to ice and snow, subsequent encounter	Diagnosis	ICD-10-CM
W00.2XXA	Other fall from one level to another due to ice and snow, initial encounter	Diagnosis	ICD-10-CM
W00.2XXD	Other fall from one level to another due to ice and snow, subsequent encounter	Diagnosis	ICD-10-CM
W05.0XXA	Fall from non-moving wheelchair, initial encounter	Diagnosis	ICD-10-CM
W05.0XXD	Fall from non-moving wheelchair, subsequent encounter	Diagnosis	ICD-10-CM
W05.1XXA	Fall from non-moving nonmotorized scooter, initial encounter	Diagnosis	ICD-10-CM
W05.1XXD	Fall from non-moving nonmotorized scooter, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
W05.2XXA	Fall from non-moving motorized mobility scooter, initial encounter	Diagnosis	ICD-10-CM
W05.2XXD	Fall from non-moving motorized mobility scooter, subsequent encounter	Diagnosis	ICD-10-CM
W06.XXXA	Fall from bed, initial encounter	Diagnosis	ICD-10-CM
W06.XXXD	Fall from bed, subsequent encounter	Diagnosis	ICD-10-CM
W07.XXXA	Fall from chair, initial encounter	Diagnosis	ICD-10-CM
W07.XXXD	Fall from chair, subsequent encounter	Diagnosis	ICD-10-CM
W08.XXXA	Fall from other furniture, initial encounter	Diagnosis	ICD-10-CM
W08.XXXD	Fall from other furniture, subsequent encounter	Diagnosis	ICD-10-CM
W09.0XXA	Fall on or from playground slide, initial encounter	Diagnosis	ICD-10-CM
W09.0XXD	Fall on or from playground slide, subsequent encounter	Diagnosis	ICD-10-CM
W09.1XXA	Fall from playground swing, initial encounter	Diagnosis	ICD-10-CM
W09.1XXD	Fall from playground swing, subsequent encounter	Diagnosis	ICD-10-CM
W09.2XXA	Fall on or from jungle gym, initial encounter	Diagnosis	ICD-10-CM
W09.2XXD	Fall on or from jungle gym, subsequent encounter	Diagnosis	ICD-10-CM
W09.8XXA	Fall on or from other playground equipment, initial encounter	Diagnosis	ICD-10-CM
W09.8XXD	Fall on or from other playground equipment, subsequent encounter	Diagnosis	ICD-10-CM
W11.XXXA	Fall on and from ladder, initial encounter	Diagnosis	ICD-10-CM
W11.XXXD	Fall on and from ladder, subsequent encounter	Diagnosis	ICD-10-CM
W12.XXXA	Fall on and from scaffolding, initial encounter	Diagnosis	ICD-10-CM
W12.XXXD	Fall on and from scaffolding, subsequent encounter	Diagnosis	ICD-10-CM
W13.0XXA	Fall from, out of or through balcony, initial encounter	Diagnosis	ICD-10-CM
W13.0XXD	Fall from, out of or through balcony, subsequent encounter	Diagnosis	ICD-10-CM
W13.1XXA	Fall from, out of or through bridge, initial encounter	Diagnosis	ICD-10-CM
W13.1XXD	Fall from, out of or through bridge, subsequent encounter	Diagnosis	ICD-10-CM
W13.2XXA	Fall from, out of or through roof, initial encounter	Diagnosis	ICD-10-CM
W13.2XXD	Fall from, out of or through roof, subsequent encounter	Diagnosis	ICD-10-CM
W13.3XXA	Fall through floor, initial encounter	Diagnosis	ICD-10-CM
W13.3XXD	Fall through floor, subsequent encounter	Diagnosis	ICD-10-CM
W13.4XXA	Fall from, out of or through window, initial encounter	Diagnosis	ICD-10-CM
W13.4XXD	Fall from, out of or through window, subsequent encounter	Diagnosis	ICD-10-CM
W13.8XXA	Fall from, out of or through other building or structure, initial encounter	Diagnosis	ICD-10-CM
W13.8XXD	Fall from, out of or through other building or structure, subsequent encounter	Diagnosis	ICD-10-CM
W13.9XXA	Fall from, out of or through building, not otherwise specified, initial encounter	Diagnosis	ICD-10-CM
W13.9XXD	Fall from, out of or through building, not otherwise specified, subsequent encounter	Diagnosis	ICD-10-CM
W14.XXXA	Fall from tree, initial encounter	Diagnosis	ICD-10-CM
W14.XXXD	Fall from tree, subsequent encounter	Diagnosis	ICD-10-CM
W15.XXXA	Fall from cliff, initial encounter	Diagnosis	ICD-10-CM
W15.XXXD	Fall from cliff, subsequent encounter	Diagnosis	ICD-10-CM
W16.011A	Fall into swimming pool striking water surface causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
W16.011D	Fall into swimming pool striking water surface causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.012A	Fall into swimming pool striking water surface causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.012D	Fall into swimming pool striking water surface causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.021A	Fall into swimming pool striking bottom causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.021D	Fall into swimming pool striking bottom causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.022A	Fall into swimming pool striking bottom causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.022D	Fall into swimming pool striking bottom causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.031A	Fall into swimming pool striking wall causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.031D	Fall into swimming pool striking wall causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.032A	Fall into swimming pool striking wall causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.032D	Fall into swimming pool striking wall causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.111A	Fall into natural body of water striking water surface causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.111D	Fall into natural body of water striking water surface causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.112A	Fall into natural body of water striking water surface causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.112D	Fall into natural body of water striking water surface causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.121A	Fall into natural body of water striking bottom causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.121D	Fall into natural body of water striking bottom causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.122A	Fall into natural body of water striking bottom causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.122D	Fall into natural body of water striking bottom causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.131A	Fall into natural body of water striking side causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.131D	Fall into natural body of water striking side causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
W16.132A	Fall into natural body of water striking side causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.132D	Fall into natural body of water striking side causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.211A	Fall in (into) filled bathtub causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.211D	Fall in (into) filled bathtub causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.212A	Fall in (into) filled bathtub causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.212D	Fall in (into) filled bathtub causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.221A	Fall in (into) bucket of water causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.221D	Fall in (into) bucket of water causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.222A	Fall in (into) bucket of water causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.222D	Fall in (into) bucket of water causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.311A	Fall into other water striking water surface causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.311D	Fall into other water striking water surface causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.312A	Fall into other water striking water surface causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.312D	Fall into other water striking water surface causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.321A	Fall into other water striking bottom causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.321D	Fall into other water striking bottom causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.322A	Fall into other water striking bottom causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.322D	Fall into other water striking bottom causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.331A	Fall into other water striking wall causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.331D	Fall into other water striking wall causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.332A	Fall into other water striking wall causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.332D	Fall into other water striking wall causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.41XA	Fall into unspecified water causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.41XD	Fall into unspecified water causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.42XA	Fall into unspecified water causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.42XD	Fall into unspecified water causing other injury, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
W16.511A	Jumping or diving into swimming pool striking water surface causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.511D	Jumping or diving into swimming pool striking water surface causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.512A	Jumping or diving into swimming pool striking water surface causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.512D	Jumping or diving into swimming pool striking water surface causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.521A	Jumping or diving into swimming pool striking bottom causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.521D	Jumping or diving into swimming pool striking bottom causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.522A	Jumping or diving into swimming pool striking bottom causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.522D	Jumping or diving into swimming pool striking bottom causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.531A	Jumping or diving into swimming pool striking wall causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.531D	Jumping or diving into swimming pool striking wall causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.532A	Jumping or diving into swimming pool striking wall causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.532D	Jumping or diving into swimming pool striking wall causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.611A	Jumping or diving into natural body of water striking water surface causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.611D	Jumping or diving into natural body of water striking water surface causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.612A	Jumping or diving into natural body of water striking water surface causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.612D	Jumping or diving into natural body of water striking water surface causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.621A	Jumping or diving into natural body of water striking bottom causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.621D	Jumping or diving into natural body of water striking bottom causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.622A	Jumping or diving into natural body of water striking bottom causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.622D	Jumping or diving into natural body of water striking bottom causing other injury, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
W16.711A	Jumping or diving from boat striking water surface causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.711D	Jumping or diving from boat striking water surface causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.712A	Jumping or diving from boat striking water surface causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.712D	Jumping or diving from boat striking water surface causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.721A	Jumping or diving from boat striking bottom causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.721D	Jumping or diving from boat striking bottom causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.722A	Jumping or diving from boat striking bottom causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.722D	Jumping or diving from boat striking bottom causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.811A	Jumping or diving into other water striking water surface causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.811D	Jumping or diving into other water striking water surface causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.812A	Jumping or diving into other water striking water surface causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.812D	Jumping or diving into other water striking water surface causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.821A	Jumping or diving into other water striking bottom causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.821D	Jumping or diving into other water striking bottom causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.822A	Jumping or diving into other water striking bottom causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.822D	Jumping or diving into other water striking bottom causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.831A	Jumping or diving into other water striking wall causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.831D	Jumping or diving into other water striking wall causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.832A	Jumping or diving into other water striking wall causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.832D	Jumping or diving into other water striking wall causing other injury, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
W16.91XA	Jumping or diving into unspecified water causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W16.91XD	Jumping or diving into unspecified water causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.92XA	Jumping or diving into unspecified water causing other injury, initial encounter	Diagnosis	ICD-10-CM
W16.92XD	Jumping or diving into unspecified water causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W17.0XXA	Fall into well, initial encounter	Diagnosis	ICD-10-CM
W17.0XXD	Fall into well, subsequent encounter	Diagnosis	ICD-10-CM
W17.1XXA	Fall into storm drain or manhole, initial encounter	Diagnosis	ICD-10-CM
W17.1XXD	Fall into storm drain or manhole, subsequent encounter	Diagnosis	ICD-10-CM
W17.2XXA	Fall into hole, initial encounter	Diagnosis	ICD-10-CM
W17.2XXD	Fall into hole, subsequent encounter	Diagnosis	ICD-10-CM
W17.3XXA	Fall into empty swimming pool, initial encounter	Diagnosis	ICD-10-CM
W17.3XXD	Fall into empty swimming pool, subsequent encounter	Diagnosis	ICD-10-CM
W17.4XXA	Fall from dock, initial encounter	Diagnosis	ICD-10-CM
W17.4XXD	Fall from dock, subsequent encounter	Diagnosis	ICD-10-CM
W17.81XA	Fall down embankment (hill), initial encounter	Diagnosis	ICD-10-CM
W17.81XD	Fall down embankment (hill), subsequent encounter	Diagnosis	ICD-10-CM
W17.82XA	Fall from (out of) grocery cart, initial encounter	Diagnosis	ICD-10-CM
W17.82XD	Fall from (out of) grocery cart, subsequent encounter	Diagnosis	ICD-10-CM
W17.89XA	Other fall from one level to another, initial encounter	Diagnosis	ICD-10-CM
W17.89XD	Other fall from one level to another, subsequent encounter	Diagnosis	ICD-10-CM
W18.09XA	Striking against other object with subsequent fall, initial encounter	Diagnosis	ICD-10-CM
W18.11XA	Fall from or off toilet without subsequent striking against object, initial encounter	Diagnosis	ICD-10-CM
W18.11XD	Fall from or off toilet without subsequent striking against object, subsequent encounter	Diagnosis	ICD-10-CM
W18.12XA	Fall from or off toilet with subsequent striking against object, initial encounter	Diagnosis	ICD-10-CM
W18.12XD	Fall from or off toilet with subsequent striking against object, subsequent encounter	Diagnosis	ICD-10-CM
W20.0XXA	Struck by falling object in cave-in, initial encounter	Diagnosis	ICD-10-CM
W20.0XXD	Struck by falling object in cave-in, subsequent encounter	Diagnosis	ICD-10-CM
W20.1XXA	Struck by object due to collapse of building, initial encounter	Diagnosis	ICD-10-CM
W20.1XXD	Struck by object due to collapse of building, subsequent encounter	Diagnosis	ICD-10-CM
W20.8XXA	Other cause of strike by thrown, projected or falling object, initial encounter	Diagnosis	ICD-10-CM
W20.8XXD	Other cause of strike by thrown, projected or falling object, subsequent encounter	Diagnosis	ICD-10-CM
W21.00XA	Struck by hit or thrown ball, unspecified type, initial encounter	Diagnosis	ICD-10-CM
W21.00XD	Struck by hit or thrown ball, unspecified type, subsequent encounter	Diagnosis	ICD-10-CM
W21.01XA	Struck by football, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
W21.01XD	Struck by football, subsequent encounter	Diagnosis	ICD-10-CM
W21.02XA	Struck by soccer ball, initial encounter	Diagnosis	ICD-10-CM
W21.02XD	Struck by soccer ball, subsequent encounter	Diagnosis	ICD-10-CM
W21.03XA	Struck by baseball, initial encounter	Diagnosis	ICD-10-CM
W21.03XD	Struck by baseball, subsequent encounter	Diagnosis	ICD-10-CM
W21.04XA	Struck by golf ball, initial encounter	Diagnosis	ICD-10-CM
W21.04XD	Struck by golf ball, subsequent encounter	Diagnosis	ICD-10-CM
W21.05XA	Struck by basketball, initial encounter	Diagnosis	ICD-10-CM
W21.05XD	Struck by basketball, subsequent encounter	Diagnosis	ICD-10-CM
W21.06XA	Struck by volleyball, initial encounter	Diagnosis	ICD-10-CM
W21.06XD	Struck by volleyball, subsequent encounter	Diagnosis	ICD-10-CM
W21.07XA	Struck by softball, initial encounter	Diagnosis	ICD-10-CM
W21.07XD	Struck by softball, subsequent encounter	Diagnosis	ICD-10-CM
W21.09XA	Struck by other hit or thrown ball, initial encounter	Diagnosis	ICD-10-CM
W21.09XD	Struck by other hit or thrown ball, subsequent encounter	Diagnosis	ICD-10-CM
W21.11XA	Struck by baseball bat, initial encounter	Diagnosis	ICD-10-CM
W21.11XD	Struck by baseball bat, subsequent encounter	Diagnosis	ICD-10-CM
W21.12XA	Struck by tennis racquet, initial encounter	Diagnosis	ICD-10-CM
W21.12XD	Struck by tennis racquet, subsequent encounter	Diagnosis	ICD-10-CM
W21.13XA	Struck by golf club, initial encounter	Diagnosis	ICD-10-CM
W21.13XD	Struck by golf club, subsequent encounter	Diagnosis	ICD-10-CM
W21.19XA	Struck by other bat, racquet or club, initial encounter	Diagnosis	ICD-10-CM
W21.19XD	Struck by other bat, racquet or club, subsequent encounter	Diagnosis	ICD-10-CM
W21.210A	Struck by ice hockey stick, initial encounter	Diagnosis	ICD-10-CM
W21.210D	Struck by ice hockey stick, subsequent encounter	Diagnosis	ICD-10-CM
W21.211A	Struck by field hockey stick, initial encounter	Diagnosis	ICD-10-CM
W21.211D	Struck by field hockey stick, subsequent encounter	Diagnosis	ICD-10-CM
W21.220A	Struck by ice hockey puck, initial encounter	Diagnosis	ICD-10-CM
W21.220D	Struck by ice hockey puck, subsequent encounter	Diagnosis	ICD-10-CM
W21.221A	Struck by field hockey puck, initial encounter	Diagnosis	ICD-10-CM
W21.221D	Struck by field hockey puck, subsequent encounter	Diagnosis	ICD-10-CM
W21.31XA	Struck by shoe cleats, initial encounter	Diagnosis	ICD-10-CM
W21.31XD	Struck by shoe cleats, subsequent encounter	Diagnosis	ICD-10-CM
W21.32XA	Struck by skate blades, initial encounter	Diagnosis	ICD-10-CM
W21.32XD	Struck by skate blades, subsequent encounter	Diagnosis	ICD-10-CM
W21.39XA	Struck by other sports foot wear, initial encounter	Diagnosis	ICD-10-CM
W21.39XD	Struck by other sports foot wear, subsequent encounter	Diagnosis	ICD-10-CM
W21.4XXA	Striking against diving board, initial encounter	Diagnosis	ICD-10-CM
W21.4XXD	Striking against diving board, subsequent encounter	Diagnosis	ICD-10-CM
W21.81XA	Striking against or struck by football helmet, initial encounter	Diagnosis	ICD-10-CM
W21.81XD	Striking against or struck by football helmet, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
W21.89XA	Striking against or struck by other sports equipment, initial encounter	Diagnosis	ICD-10-CM
W21.89XD	Striking against or struck by other sports equipment, subsequent encounter	Diagnosis	ICD-10-CM
W21.9XXA	Striking against or struck by unspecified sports equipment, initial encounter	Diagnosis	ICD-10-CM
W21.9XXD	Striking against or struck by unspecified sports equipment, subsequent encounter	Diagnosis	ICD-10-CM
W22.01XA	Walked into wall, initial encounter	Diagnosis	ICD-10-CM
W22.01XD	Walked into wall, subsequent encounter	Diagnosis	ICD-10-CM
W22.02XA	Walked into lamppost, initial encounter	Diagnosis	ICD-10-CM
W22.02XD	Walked into lamppost, subsequent encounter	Diagnosis	ICD-10-CM
W22.03XA	Walked into furniture, initial encounter	Diagnosis	ICD-10-CM
W22.03XD	Walked into furniture, subsequent encounter	Diagnosis	ICD-10-CM
W22.041A	Striking against wall of swimming pool causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
W22.041D	Striking against wall of swimming pool causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W22.042A	Striking against wall of swimming pool causing other injury, initial encounter	Diagnosis	ICD-10-CM
W22.042D	Striking against wall of swimming pool causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W22.09XA	Striking against other stationary object, initial encounter	Diagnosis	ICD-10-CM
W22.09XD	Striking against other stationary object, subsequent encounter	Diagnosis	ICD-10-CM
W22.10XA	Striking against or struck by unspecified automobile airbag, initial encounter	Diagnosis	ICD-10-CM
W22.10XD	Striking against or struck by unspecified automobile airbag, subsequent encounter	Diagnosis	ICD-10-CM
W22.11XA	Striking against or struck by driver side automobile airbag, initial encounter	Diagnosis	ICD-10-CM
W22.11XD	Striking against or struck by driver side automobile airbag, subsequent encounter	Diagnosis	ICD-10-CM
W22.12XA	Striking against or struck by front passenger side automobile airbag, initial encounter	Diagnosis	ICD-10-CM
W22.12XD	Striking against or struck by front passenger side automobile airbag, subsequent encounter	Diagnosis	ICD-10-CM
W22.19XA	Striking against or struck by other automobile airbag, initial encounter	Diagnosis	ICD-10-CM
W22.19XD	Striking against or struck by other automobile airbag, subsequent encounter	Diagnosis	ICD-10-CM
W22.8XXA	Striking against or struck by other objects, initial encounter	Diagnosis	ICD-10-CM
W22.8XXD	Striking against or struck by other objects, subsequent encounter	Diagnosis	ICD-10-CM
W23.0XXA	Caught, crushed, jammed, or pinched between moving objects, initial encounter	Diagnosis	ICD-10-CM
W23.0XXD	Caught, crushed, jammed, or pinched between moving objects, subsequent encounter	Diagnosis	ICD-10-CM
W23.1XXA	Caught, crushed, jammed, or pinched between stationary objects, initial encounter	Diagnosis	ICD-10-CM
W23.1XXD	Caught, crushed, jammed, or pinched between stationary objects, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
W24.0XXA	Contact with lifting devices, not elsewhere classified, initial encounter	Diagnosis	ICD-10-CM
W24.0XXD	Contact with lifting devices, not elsewhere classified, subsequent encounter	Diagnosis	ICD-10-CM
W24.1XXA	Contact with transmission devices, not elsewhere classified, initial encounter	Diagnosis	ICD-10-CM
W24.1XXD	Contact with transmission devices, not elsewhere classified, subsequent encounter	Diagnosis	ICD-10-CM
W25.XXXA	Contact with sharp glass, initial encounter	Diagnosis	ICD-10-CM
W25.XXXD	Contact with sharp glass, subsequent encounter	Diagnosis	ICD-10-CM
W26.0XXA	Contact with knife, initial encounter	Diagnosis	ICD-10-CM
W26.0XXD	Contact with knife, subsequent encounter	Diagnosis	ICD-10-CM
W26.1XXA	Contact with sword or dagger, initial encounter	Diagnosis	ICD-10-CM
W26.1XXD	Contact with sword or dagger, subsequent encounter	Diagnosis	ICD-10-CM
W26.2XXA	Contact with edge of stiff paper, initial encounter	Diagnosis	ICD-10-CM
W26.2XXD	Contact with edge of stiff paper, subsequent encounter	Diagnosis	ICD-10-CM
W26.8XXA	Contact with other sharp object(s), not elsewhere classified, initial encounter	Diagnosis	ICD-10-CM
W26.8XXD	Contact with other sharp object(s), not elsewhere classified, subsequent encounter	Diagnosis	ICD-10-CM
W26.9XXA	Contact with unspecified sharp object(s), initial encounter	Diagnosis	ICD-10-CM
W26.9XXD	Contact with unspecified sharp object(s), subsequent encounter	Diagnosis	ICD-10-CM
W27.0XXA	Contact with workbench tool, initial encounter	Diagnosis	ICD-10-CM
W27.0XXD	Contact with workbench tool, subsequent encounter	Diagnosis	ICD-10-CM
W27.1XXA	Contact with garden tool, initial encounter	Diagnosis	ICD-10-CM
W27.1XXD	Contact with garden tool, subsequent encounter	Diagnosis	ICD-10-CM
W27.2XXA	Contact with scissors, initial encounter	Diagnosis	ICD-10-CM
W27.2XXD	Contact with scissors, subsequent encounter	Diagnosis	ICD-10-CM
W27.3XXA	Contact with needle (sewing), initial encounter	Diagnosis	ICD-10-CM
W27.3XXD	Contact with needle (sewing), subsequent encounter	Diagnosis	ICD-10-CM
W27.4XXA	Contact with kitchen utensil, initial encounter	Diagnosis	ICD-10-CM
W27.4XXD	Contact with kitchen utensil, subsequent encounter	Diagnosis	ICD-10-CM
W27.5XXA	Contact with paper-cutter, initial encounter	Diagnosis	ICD-10-CM
W27.5XXD	Contact with paper-cutter, subsequent encounter	Diagnosis	ICD-10-CM
W27.8XXA	Contact with other nonpowered hand tool, initial encounter	Diagnosis	ICD-10-CM
W27.8XXD	Contact with other nonpowered hand tool, subsequent encounter	Diagnosis	ICD-10-CM
W28.XXXA	Contact with powered lawn mower, initial encounter	Diagnosis	ICD-10-CM
W28.XXXD	Contact with powered lawn mower, subsequent encounter	Diagnosis	ICD-10-CM
W29.0XXA	Contact with powered kitchen appliance, initial encounter	Diagnosis	ICD-10-CM
W29.0XXD	Contact with powered kitchen appliance, subsequent encounter	Diagnosis	ICD-10-CM
W29.1XXA	Contact with electric knife, initial encounter	Diagnosis	ICD-10-CM
W29.1XXD	Contact with electric knife, subsequent encounter	Diagnosis	ICD-10-CM
W29.2XXA	Contact with other powered household machinery, initial encounter	Diagnosis	ICD-10-CM
W29.2XXD	Contact with other powered household machinery, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
W29.3XXA	Contact with powered garden and outdoor hand tools and machinery, initial encounter	Diagnosis	ICD-10-CM
W29.3XXD	Contact with powered garden and outdoor hand tools and machinery, subsequent encounter	Diagnosis	ICD-10-CM
W29.4XXA	Contact with nail gun, initial encounter	Diagnosis	ICD-10-CM
W29.4XXD	Contact with nail gun, subsequent encounter	Diagnosis	ICD-10-CM
W29.8XXA	Contact with other powered hand tools and household machinery, initial encounter	Diagnosis	ICD-10-CM
W29.8XXD	Contact with other powered hand tools and household machinery, subsequent encounter	Diagnosis	ICD-10-CM
W30.0XXA	Contact with combine harvester, initial encounter	Diagnosis	ICD-10-CM
W30.0XXD	Contact with combine harvester, subsequent encounter	Diagnosis	ICD-10-CM
W30.1XXA	Contact with power take-off devices (PTO), initial encounter	Diagnosis	ICD-10-CM
W30.1XXD	Contact with power take-off devices (PTO), subsequent encounter	Diagnosis	ICD-10-CM
W30.2XXA	Contact with hay derrick, initial encounter	Diagnosis	ICD-10-CM
W30.2XXD	Contact with hay derrick, subsequent encounter	Diagnosis	ICD-10-CM
W30.3XXA	Contact with grain storage elevator, initial encounter	Diagnosis	ICD-10-CM
W30.3XXD	Contact with grain storage elevator, subsequent encounter	Diagnosis	ICD-10-CM
W30.81XA	Contact with agricultural transport vehicle in stationary use, initial encounter	Diagnosis	ICD-10-CM
W30.81XD	Contact with agricultural transport vehicle in stationary use, subsequent encounter	Diagnosis	ICD-10-CM
W30.89XA	Contact with other specified agricultural machinery, initial encounter	Diagnosis	ICD-10-CM
W30.89XD	Contact with other specified agricultural machinery, subsequent encounter	Diagnosis	ICD-10-CM
W30.9XXA	Contact with unspecified agricultural machinery, initial encounter	Diagnosis	ICD-10-CM
W30.9XXD	Contact with unspecified agricultural machinery, subsequent encounter	Diagnosis	ICD-10-CM
W31.0XXA	Contact with mining and earth-drilling machinery, initial encounter	Diagnosis	ICD-10-CM
W31.0XXD	Contact with mining and earth-drilling machinery, subsequent encounter	Diagnosis	ICD-10-CM
W31.1XXA	Contact with metalworking machines, initial encounter	Diagnosis	ICD-10-CM
W31.1XXD	Contact with metalworking machines, subsequent encounter	Diagnosis	ICD-10-CM
W31.2XXA	Contact with powered woodworking and forming machines, initial encounter	Diagnosis	ICD-10-CM
W31.2XXD	Contact with powered woodworking and forming machines, subsequent encounter	Diagnosis	ICD-10-CM
W31.3XXA	Contact with prime movers, initial encounter	Diagnosis	ICD-10-CM
W31.3XXD	Contact with prime movers, subsequent encounter	Diagnosis	ICD-10-CM
W31.81XA	Contact with recreational machinery, initial encounter	Diagnosis	ICD-10-CM
W31.81XD	Contact with recreational machinery, subsequent encounter	Diagnosis	ICD-10-CM
W31.82XA	Contact with other commercial machinery, initial encounter	Diagnosis	ICD-10-CM
W31.82XD	Contact with other commercial machinery, subsequent encounter	Diagnosis	ICD-10-CM
W31.83XA	Contact with special construction vehicle in stationary use, initial encounter	Diagnosis	ICD-10-CM
W31.83XD	Contact with special construction vehicle in stationary use, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
W31.89XA	Contact with other specified machinery, initial encounter	Diagnosis	ICD-10-CM
W31.89XD	Contact with other specified machinery, subsequent encounter	Diagnosis	ICD-10-CM
W31.9XXA	Contact with unspecified machinery, initial encounter	Diagnosis	ICD-10-CM
W31.9XXD	Contact with unspecified machinery, subsequent encounter	Diagnosis	ICD-10-CM
W32.0XXA	Accidental handgun discharge, initial encounter	Diagnosis	ICD-10-CM
W32.0XXD	Accidental handgun discharge, subsequent encounter	Diagnosis	ICD-10-CM
W32.1XXA	Accidental handgun malfunction, initial encounter	Diagnosis	ICD-10-CM
W32.1XXD	Accidental handgun malfunction, subsequent encounter	Diagnosis	ICD-10-CM
W33.00XA	Accidental discharge of unspecified larger firearm, initial encounter	Diagnosis	ICD-10-CM
W33.00XD	Accidental discharge of unspecified larger firearm, subsequent encounter	Diagnosis	ICD-10-CM
W33.01XA	Accidental discharge of shotgun, initial encounter	Diagnosis	ICD-10-CM
W33.01XD	Accidental discharge of shotgun, subsequent encounter	Diagnosis	ICD-10-CM
W33.02XA	Accidental discharge of hunting rifle, initial encounter	Diagnosis	ICD-10-CM
W33.02XD	Accidental discharge of hunting rifle, subsequent encounter	Diagnosis	ICD-10-CM
W33.03XA	Accidental discharge of machine gun, initial encounter	Diagnosis	ICD-10-CM
W33.03XD	Accidental discharge of machine gun, subsequent encounter	Diagnosis	ICD-10-CM
W33.09XA	Accidental discharge of other larger firearm, initial encounter	Diagnosis	ICD-10-CM
W33.09XD	Accidental discharge of other larger firearm, subsequent encounter	Diagnosis	ICD-10-CM
W33.10XA	Accidental malfunction of unspecified larger firearm, initial encounter	Diagnosis	ICD-10-CM
W33.10XD	Accidental malfunction of unspecified larger firearm, subsequent encounter	Diagnosis	ICD-10-CM
W33.11XA	Accidental malfunction of shotgun, initial encounter	Diagnosis	ICD-10-CM
W33.11XD	Accidental malfunction of shotgun, subsequent encounter	Diagnosis	ICD-10-CM
W33.12XA	Accidental malfunction of hunting rifle, initial encounter	Diagnosis	ICD-10-CM
W33.12XD	Accidental malfunction of hunting rifle, subsequent encounter	Diagnosis	ICD-10-CM
W33.13XA	Accidental malfunction of machine gun, initial encounter	Diagnosis	ICD-10-CM
W33.13XD	Accidental malfunction of machine gun, subsequent encounter	Diagnosis	ICD-10-CM
W33.19XA	Accidental malfunction of other larger firearm, initial encounter	Diagnosis	ICD-10-CM
W33.19XD	Accidental malfunction of other larger firearm, subsequent encounter	Diagnosis	ICD-10-CM
W34.00XA	Accidental discharge from unspecified firearms or gun, initial encounter	Diagnosis	ICD-10-CM
W34.00XD	Accidental discharge from unspecified firearms or gun, subsequent encounter	Diagnosis	ICD-10-CM
W34.010A	Accidental discharge of airgun, initial encounter	Diagnosis	ICD-10-CM
W34.010D	Accidental discharge of airgun, subsequent encounter	Diagnosis	ICD-10-CM
W34.011A	Accidental discharge of paintball gun, initial encounter	Diagnosis	ICD-10-CM
W34.011D	Accidental discharge of paintball gun, subsequent encounter	Diagnosis	ICD-10-CM
W34.018A	Accidental discharge of other gas, air or spring-operated gun, initial encounter	Diagnosis	ICD-10-CM
W34.018D	Accidental discharge of other gas, air or spring-operated gun, subsequent encounter	Diagnosis	ICD-10-CM
W34.09XA	Accidental discharge from other specified firearms, initial encounter	Diagnosis	ICD-10-CM
W34.09XD	Accidental discharge from other specified firearms, subsequent encounter	Diagnosis	ICD-10-CM
W34.10XA	Accidental malfunction from unspecified firearms or gun, initial encounter	Diagnosis	ICD-10-CM
W34.10XD	Accidental malfunction from unspecified firearms or gun, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
W34.110A	Accidental malfunction of airgun, initial encounter	Diagnosis	ICD-10-CM
W34.110D	Accidental malfunction of airgun, subsequent encounter	Diagnosis	ICD-10-CM
W34.111A	Accidental malfunction of paintball gun, initial encounter	Diagnosis	ICD-10-CM
W34.111D	Accidental malfunction of paintball gun, subsequent encounter	Diagnosis	ICD-10-CM
W34.118A	Accidental malfunction of other gas, air or spring-operated gun, initial encounter	Diagnosis	ICD-10-CM
W34.118D	Accidental malfunction of other gas, air or spring-operated gun, subsequent encounter	Diagnosis	ICD-10-CM
W34.19XA	Accidental malfunction from other specified firearms, initial encounter	Diagnosis	ICD-10-CM
W34.19XD	Accidental malfunction from other specified firearms, subsequent encounter	Diagnosis	ICD-10-CM
W35.XXXA	Explosion and rupture of boiler, initial encounter	Diagnosis	ICD-10-CM
W35.XXXD	Explosion and rupture of boiler, subsequent encounter	Diagnosis	ICD-10-CM
W36.1XXA	Explosion and rupture of aerosol can, initial encounter	Diagnosis	ICD-10-CM
W36.1XXD	Explosion and rupture of aerosol can, subsequent encounter	Diagnosis	ICD-10-CM
W36.2XXA	Explosion and rupture of air tank, initial encounter	Diagnosis	ICD-10-CM
W36.2XXD	Explosion and rupture of air tank, subsequent encounter	Diagnosis	ICD-10-CM
W36.3XXA	Explosion and rupture of pressurized-gas tank, initial encounter	Diagnosis	ICD-10-CM
W36.3XXD	Explosion and rupture of pressurized-gas tank, subsequent encounter	Diagnosis	ICD-10-CM
W36.8XXA	Explosion and rupture of other gas cylinder, initial encounter	Diagnosis	ICD-10-CM
W36.8XXD	Explosion and rupture of other gas cylinder, subsequent encounter	Diagnosis	ICD-10-CM
W36.9XXA	Explosion and rupture of unspecified gas cylinder, initial encounter	Diagnosis	ICD-10-CM
W36.9XXD	Explosion and rupture of unspecified gas cylinder, subsequent encounter	Diagnosis	ICD-10-CM
W37.0XXA	Explosion of bicycle tire, initial encounter	Diagnosis	ICD-10-CM
W37.0XXD	Explosion of bicycle tire, subsequent encounter	Diagnosis	ICD-10-CM
W37.8XXA	Explosion and rupture of other pressurized tire, pipe or hose, initial encounter	Diagnosis	ICD-10-CM
W37.8XXD	Explosion and rupture of other pressurized tire, pipe or hose, subsequent encounter	Diagnosis	ICD-10-CM
W38.XXXA	Explosion and rupture of other specified pressurized devices, initial encounter	Diagnosis	ICD-10-CM
W38.XXXD	Explosion and rupture of other specified pressurized devices, subsequent encounter	Diagnosis	ICD-10-CM
W39.XXXA	Discharge of firework, initial encounter	Diagnosis	ICD-10-CM
W39.XXXD	Discharge of firework, subsequent encounter	Diagnosis	ICD-10-CM
W40.0XXA	Explosion of blasting material, initial encounter	Diagnosis	ICD-10-CM
W40.0XXD	Explosion of blasting material, subsequent encounter	Diagnosis	ICD-10-CM
W40.1XXA	Explosion of explosive gases, initial encounter	Diagnosis	ICD-10-CM
W40.1XXD	Explosion of explosive gases, subsequent encounter	Diagnosis	ICD-10-CM
W40.8XXA	Explosion of other specified explosive materials, initial encounter	Diagnosis	ICD-10-CM
W40.8XXD	Explosion of other specified explosive materials, subsequent encounter	Diagnosis	ICD-10-CM
W40.9XXA	Explosion of unspecified explosive materials, initial encounter	Diagnosis	ICD-10-CM
W40.9XXD	Explosion of unspecified explosive materials, subsequent encounter	Diagnosis	ICD-10-CM
W42.0XXA	Exposure to supersonic waves, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
W42.0XXD	Exposure to supersonic waves, subsequent encounter	Diagnosis	ICD-10-CM
W42.9XXA	Exposure to other noise, initial encounter	Diagnosis	ICD-10-CM
W42.9XXD	Exposure to other noise, subsequent encounter	Diagnosis	ICD-10-CM
W45.0XXA	Nail entering through skin, initial encounter	Diagnosis	ICD-10-CM
W45.0XXD	Nail entering through skin, subsequent encounter	Diagnosis	ICD-10-CM
W45.8XXA	Other foreign body or object entering through skin, initial encounter	Diagnosis	ICD-10-CM
W45.8XXD	Other foreign body or object entering through skin, subsequent encounter	Diagnosis	ICD-10-CM
W46.0XXA	Contact with hypodermic needle, initial encounter	Diagnosis	ICD-10-CM
W46.0XXD	Contact with hypodermic needle, subsequent encounter	Diagnosis	ICD-10-CM
W46.1XXA	Contact with contaminated hypodermic needle, initial encounter	Diagnosis	ICD-10-CM
W46.1XXD	Contact with contaminated hypodermic needle, subsequent encounter	Diagnosis	ICD-10-CM
W49.01XA	Hair causing external constriction, initial encounter	Diagnosis	ICD-10-CM
W49.01XD	Hair causing external constriction, subsequent encounter	Diagnosis	ICD-10-CM
W49.02XA	String or thread causing external constriction, initial encounter	Diagnosis	ICD-10-CM
W49.02XD	String or thread causing external constriction, subsequent encounter	Diagnosis	ICD-10-CM
W49.03XA	Rubber band causing external constriction, initial encounter	Diagnosis	ICD-10-CM
W49.03XD	Rubber band causing external constriction, subsequent encounter	Diagnosis	ICD-10-CM
W49.04XA	Ring or other jewelry causing external constriction, initial encounter	Diagnosis	ICD-10-CM
W49.04XD	Ring or other jewelry causing external constriction, subsequent encounter	Diagnosis	ICD-10-CM
W49.09XA	Other specified item causing external constriction, initial encounter	Diagnosis	ICD-10-CM
W49.09XD	Other specified item causing external constriction, subsequent encounter	Diagnosis	ICD-10-CM
W49.9XXA	Exposure to other inanimate mechanical forces, initial encounter	Diagnosis	ICD-10-CM
W49.9XXD	Exposure to other inanimate mechanical forces, subsequent encounter	Diagnosis	ICD-10-CM
W50.0XXA	Accidental hit or strike by another person, initial encounter	Diagnosis	ICD-10-CM
W50.0XXD	Accidental hit or strike by another person, subsequent encounter	Diagnosis	ICD-10-CM
W50.1XXA	Accidental kick by another person, initial encounter	Diagnosis	ICD-10-CM
W50.1XXD	Accidental kick by another person, subsequent encounter	Diagnosis	ICD-10-CM
W50.2XXA	Accidental twist by another person, initial encounter	Diagnosis	ICD-10-CM
W50.2XXD	Accidental twist by another person, subsequent encounter	Diagnosis	ICD-10-CM
W50.3XXA	Accidental bite by another person, initial encounter	Diagnosis	ICD-10-CM
W50.3XXD	Accidental bite by another person, subsequent encounter	Diagnosis	ICD-10-CM
W50.4XXA	Accidental scratch by another person, initial encounter	Diagnosis	ICD-10-CM
W50.4XXD	Accidental scratch by another person, subsequent encounter	Diagnosis	ICD-10-CM
W51.XXXA	Accidental striking against or bumped into by another person, initial encounter	Diagnosis	ICD-10-CM
W51.XXXD	Accidental striking against or bumped into by another person, subsequent encounter	Diagnosis	ICD-10-CM
W52.XXXA	Crushed, pushed or stepped on by crowd or human stampede, initial encounter	Diagnosis	ICD-10-CM
W52.XXXD	Crushed, pushed or stepped on by crowd or human stampede, subsequent encounter	Diagnosis	ICD-10-CM
W60.XXXA	Contact with nonvenomous plant thorns and spines and sharp leaves, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
W60.XXXD	Contact with nonvenomous plant thorns and spines and sharp leaves, subsequent encounter	Diagnosis	ICD-10-CM
W85.XXXA	Exposure to electric transmission lines, initial encounter	Diagnosis	ICD-10-CM
W85.XXXD	Exposure to electric transmission lines, subsequent encounter	Diagnosis	ICD-10-CM
W86.0XXA	Exposure to domestic wiring and appliances, initial encounter	Diagnosis	ICD-10-CM
W86.0XXD	Exposure to domestic wiring and appliances, subsequent encounter	Diagnosis	ICD-10-CM
W86.1XXA	Exposure to industrial wiring, appliances and electrical machinery, initial encounter	Diagnosis	ICD-10-CM
W86.1XXD	Exposure to industrial wiring, appliances and electrical machinery, subsequent encounter	Diagnosis	ICD-10-CM
W86.8XXA	Exposure to other electric current, initial encounter	Diagnosis	ICD-10-CM
W86.8XXD	Exposure to other electric current, subsequent encounter	Diagnosis	ICD-10-CM
W88.0XXA	Exposure to X-rays, initial encounter	Diagnosis	ICD-10-CM
W88.0XXD	Exposure to X-rays, subsequent encounter	Diagnosis	ICD-10-CM
W88.1XXA	Exposure to radioactive isotopes, initial encounter	Diagnosis	ICD-10-CM
W88.1XXD	Exposure to radioactive isotopes, subsequent encounter	Diagnosis	ICD-10-CM
W88.8XXA	Exposure to other ionizing radiation, initial encounter	Diagnosis	ICD-10-CM
W88.8XXD	Exposure to other ionizing radiation, subsequent encounter	Diagnosis	ICD-10-CM
W89.0XXA	Exposure to welding light (arc), initial encounter	Diagnosis	ICD-10-CM
W89.0XXD	Exposure to welding light (arc), subsequent encounter	Diagnosis	ICD-10-CM
W89.1XXA	Exposure to tanning bed, initial encounter	Diagnosis	ICD-10-CM
W89.1XXD	Exposure to tanning bed, subsequent encounter	Diagnosis	ICD-10-CM
W89.8XXA	Exposure to other man-made visible and ultraviolet light, initial encounter	Diagnosis	ICD-10-CM
W89.8XXD	Exposure to other man-made visible and ultraviolet light, subsequent encounter	Diagnosis	ICD-10-CM
W89.9XXA	Exposure to unspecified man-made visible and ultraviolet light, initial encounter	Diagnosis	ICD-10-CM
W89.9XXD	Exposure to unspecified man-made visible and ultraviolet light, subsequent encounter	Diagnosis	ICD-10-CM
W90.0XXA	Exposure to radiofrequency, initial encounter	Diagnosis	ICD-10-CM
W90.0XXD	Exposure to radiofrequency, subsequent encounter	Diagnosis	ICD-10-CM
W90.1XXA	Exposure to infrared radiation, initial encounter	Diagnosis	ICD-10-CM
W90.1XXD	Exposure to infrared radiation, subsequent encounter	Diagnosis	ICD-10-CM
W90.2XXA	Exposure to laser radiation, initial encounter	Diagnosis	ICD-10-CM
W90.2XXD	Exposure to laser radiation, subsequent encounter	Diagnosis	ICD-10-CM
W90.8XXA	Exposure to other nonionizing radiation, initial encounter	Diagnosis	ICD-10-CM
W90.8XXD	Exposure to other nonionizing radiation, subsequent encounter	Diagnosis	ICD-10-CM
X10.0XXA	Contact with hot drinks, initial encounter	Diagnosis	ICD-10-CM
X10.0XXD	Contact with hot drinks, subsequent encounter	Diagnosis	ICD-10-CM
X10.1XXA	Contact with hot food, initial encounter	Diagnosis	ICD-10-CM
X10.1XXD	Contact with hot food, subsequent encounter	Diagnosis	ICD-10-CM
X10.2XXA	Contact with fats and cooking oils, initial encounter	Diagnosis	ICD-10-CM
X10.2XXD	Contact with fats and cooking oils, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
X11.0XXA	Contact with hot water in bath or tub, initial encounter	Diagnosis	ICD-10-CM
X11.0XXD	Contact with hot water in bath or tub, subsequent encounter	Diagnosis	ICD-10-CM
X11.1XXA	Contact with running hot water, initial encounter	Diagnosis	ICD-10-CM
X11.1XXD	Contact with running hot water, subsequent encounter	Diagnosis	ICD-10-CM
X11.8XXA	Contact with other hot tap-water, initial encounter	Diagnosis	ICD-10-CM
X11.8XXD	Contact with other hot tap-water, subsequent encounter	Diagnosis	ICD-10-CM
X12.XXXA	Contact with other hot fluids, initial encounter	Diagnosis	ICD-10-CM
X12.XXXD	Contact with other hot fluids, subsequent encounter	Diagnosis	ICD-10-CM
X13.0XXA	Inhalation of steam and other hot vapors, initial encounter	Diagnosis	ICD-10-CM
X13.0XXD	Inhalation of steam and other hot vapors, subsequent encounter	Diagnosis	ICD-10-CM
X13.1XXA	Other contact with steam and other hot vapors, initial encounter	Diagnosis	ICD-10-CM
X13.1XXD	Other contact with steam and other hot vapors, subsequent encounter	Diagnosis	ICD-10-CM
X14.0XXA	Inhalation of hot air and gases, initial encounter	Diagnosis	ICD-10-CM
X14.0XXD	Inhalation of hot air and gases, subsequent encounter	Diagnosis	ICD-10-CM
X14.1XXA	Other contact with hot air and other hot gases, initial encounter	Diagnosis	ICD-10-CM
X14.1XXD	Other contact with hot air and other hot gases, subsequent encounter	Diagnosis	ICD-10-CM
X15.0XXA	Contact with hot stove (kitchen), initial encounter	Diagnosis	ICD-10-CM
X15.0XXD	Contact with hot stove (kitchen), subsequent encounter	Diagnosis	ICD-10-CM
X15.1XXA	Contact with hot toaster, initial encounter	Diagnosis	ICD-10-CM
X15.1XXD	Contact with hot toaster, subsequent encounter	Diagnosis	ICD-10-CM
X15.2XXA	Contact with hotplate, initial encounter	Diagnosis	ICD-10-CM
X15.2XXD	Contact with hotplate, subsequent encounter	Diagnosis	ICD-10-CM
X15.3XXA	Contact with hot saucepan or skillet, initial encounter	Diagnosis	ICD-10-CM
X15.3XXD	Contact with hot saucepan or skillet, subsequent encounter	Diagnosis	ICD-10-CM
X15.8XXA	Contact with other hot household appliances, initial encounter	Diagnosis	ICD-10-CM
X15.8XXD	Contact with other hot household appliances, subsequent encounter	Diagnosis	ICD-10-CM
X16.XXXA	Contact with hot heating appliances, radiators and pipes, initial encounter	Diagnosis	ICD-10-CM
X16.XXXD	Contact with hot heating appliances, radiators and pipes, subsequent encounter	Diagnosis	ICD-10-CM
X17.XXXA	Contact with hot engines, machinery and tools, initial encounter	Diagnosis	ICD-10-CM
X17.XXXD	Contact with hot engines, machinery and tools, subsequent encounter	Diagnosis	ICD-10-CM
X18.XXXA	Contact with other hot metals, initial encounter	Diagnosis	ICD-10-CM
X18.XXXD	Contact with other hot metals, subsequent encounter	Diagnosis	ICD-10-CM
X19.XXXA	Contact with other heat and hot substances, initial encounter	Diagnosis	ICD-10-CM
X19.XXXD	Contact with other heat and hot substances, subsequent encounter	Diagnosis	ICD-10-CM
X34.XXXA	Earthquake, initial encounter	Diagnosis	ICD-10-CM
X34.XXXD	Earthquake, subsequent encounter	Diagnosis	ICD-10-CM
X35.XXXA	Volcanic eruption, initial encounter	Diagnosis	ICD-10-CM
X35.XXXD	Volcanic eruption, subsequent encounter	Diagnosis	ICD-10-CM
X36.0XXA	Collapse of dam or man-made structure causing earth movement, initial encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code Category	Code Type
X36.0XXD	Collapse of dam or man-made structure causing earth movement, subsequent encounter	Diagnosis	ICD-10-CM
X36.1XXA	Avalanche, landslide, or mudslide, initial encounter	Diagnosis	ICD-10-CM
X36.1XXD	Avalanche, landslide, or mudslide, subsequent encounter	Diagnosis	ICD-10-CM
X37.0XXA	Hurricane, initial encounter	Diagnosis	ICD-10-CM
X37.0XXD	Hurricane, subsequent encounter	Diagnosis	ICD-10-CM
X37.1XXA	Tornado, initial encounter	Diagnosis	ICD-10-CM
X37.1XXD	Tornado, subsequent encounter	Diagnosis	ICD-10-CM
X37.2XXA	Blizzard (snow)(ice), initial encounter	Diagnosis	ICD-10-CM
X37.2XXD	Blizzard (snow)(ice), subsequent encounter	Diagnosis	ICD-10-CM
X37.3XXA	Dust storm, initial encounter	Diagnosis	ICD-10-CM
X37.3XXD	Dust storm, subsequent encounter	Diagnosis	ICD-10-CM
X37.41XA	Tidal wave due to earthquake or volcanic eruption, initial encounter	Diagnosis	ICD-10-CM
X37.41XD	Tidal wave due to earthquake or volcanic eruption, subsequent encounter	Diagnosis	ICD-10-CM
X37.42XA	Tidal wave due to storm, initial encounter	Diagnosis	ICD-10-CM
X37.42XD	Tidal wave due to storm, subsequent encounter	Diagnosis	ICD-10-CM
X37.43XA	Tidal wave due to landslide, initial encounter	Diagnosis	ICD-10-CM
X37.43XD	Tidal wave due to landslide, subsequent encounter	Diagnosis	ICD-10-CM
X37.8XXA	Other cataclysmic storms, initial encounter	Diagnosis	ICD-10-CM
X37.8XXD	Other cataclysmic storms, subsequent encounter	Diagnosis	ICD-10-CM
X37.9XXA	Unspecified cataclysmic storm, initial encounter	Diagnosis	ICD-10-CM
X37.9XXD	Unspecified cataclysmic storm, subsequent encounter	Diagnosis	ICD-10-CM
X38.XXXA	Flood, initial encounter	Diagnosis	ICD-10-CM
X38.XXXD	Flood, subsequent encounter	Diagnosis	ICD-10-CM
X39.01XA	Exposure to radon, initial encounter	Diagnosis	ICD-10-CM
X39.01XD	Exposure to radon, subsequent encounter	Diagnosis	ICD-10-CM
X39.08XA	Exposure to other natural radiation, initial encounter	Diagnosis	ICD-10-CM
X39.08XD	Exposure to other natural radiation, subsequent encounter	Diagnosis	ICD-10-CM
X39.8XXA	Other exposure to forces of nature, initial encounter	Diagnosis	ICD-10-CM
X39.8XXD	Other exposure to forces of nature, subsequent encounter	Diagnosis	ICD-10-CM
X50.0XXA	Overexertion from strenuous movement or load, initial encounter	Diagnosis	ICD-10-CM
X50.0XXD	Overexertion from strenuous movement or load, subsequent encounter	Diagnosis	ICD-10-CM
X50.1XXA	Overexertion from prolonged static or awkward postures, initial encounter	Diagnosis	ICD-10-CM
X50.1XXD	Overexertion from prolonged static or awkward postures, subsequent encounter	Diagnosis	ICD-10-CM
X50.3XXA	Overexertion from repetitive movements, initial encounter	Diagnosis	ICD-10-CM
X50.3XXD	Overexertion from repetitive movements, subsequent encounter	Diagnosis	ICD-10-CM
X50.9XXA	Other and unspecified overexertion or strenuous movements or postures, initial encounter	Diagnosis	ICD-10-CM
X50.9XXD	Other and unspecified overexertion or strenuous movements or postures, subsequent encounter	Diagnosis	ICD-10-CM

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Episode Censoring Criteria in this Request

Code	Description	Code	
		Category	Code Type
X52.XXXA	Prolonged stay in weightless environment, initial encounter	Diagnosis	ICD-10-CM
X52.XXXD	Prolonged stay in weightless environment, subsequent encounter	Diagnosis	ICD-10-CM
X58.XXXA	Exposure to other specified factors, initial encounter	Diagnosis	ICD-10-CM
X58.XXXD	Exposure to other specified factors, subsequent encounter	Diagnosis	ICD-10-CM

Appendix G. List of Generic and Brand Names of Products Used to Define Episode Censoring Criteria in this Request

Generic Name	Brand Name
Non-Leuprolide Acetate Long-Acting Gonadotropin-Releasing Hormone (GnRH) Agonists	
goserelin acetate	Zoladex
histrelin acetate	Supprelin LA
histrelin acetate	Vantas
triptorelin pamoate	Trelstar
triptorelin pamoate	Trelstar Depot
triptorelin pamoate	Trelstar LA
triptorelin pamoate	Triptodur
Long-Acting GnRH Agonists	
goserelin acetate	Zoladex
histrelin acetate	Supprelin LA
histrelin acetate	Vantas
leuprolide acetate	Eligard
leuprolide acetate	Eligard (3 month)
leuprolide acetate	Eligard (4 month)
leuprolide acetate	Eligard (6 month)
leuprolide acetate	Lupron Depot
leuprolide acetate	Lupron Depot (3 month)
leuprolide acetate	Lupron Depot (4 month)
leuprolide acetate	Lupron Depot (6 Month)
leuprolide acetate	Lupron Depot-Ped
leuprolide acetate	Lupron Depot-Ped (3 month)
leuprolide acetate/lidocaine HCl	Viadur
leuprolide acetate/norethindrone acetate	Lupaneta Pack (1 month)
leuprolide acetate/norethindrone acetate	Lupaneta Pack (3 month)
triptorelin pamoate	Trelstar
triptorelin pamoate	Trelstar Depot
triptorelin pamoate	Trelstar LA
triptorelin pamoate	Triptodur

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
Primary: Major Fracture			
Humerus Fracture			
733.11	Pathologic fracture of humerus	Diagnosis	ICD-9-CM
812	Fracture of humerus	Diagnosis	ICD-9-CM
812.0	Closed fracture of upper end of humerus	Diagnosis	ICD-9-CM
812.00	Closed fracture of unspecified part of upper end of humerus	Diagnosis	ICD-9-CM
812.01	Closed fracture of surgical neck of humerus	Diagnosis	ICD-9-CM
812.02	Closed fracture of anatomical neck of humerus	Diagnosis	ICD-9-CM
812.03	Closed fracture of greater tuberosity of humerus	Diagnosis	ICD-9-CM
812.09	Other closed fractures of upper end of humerus	Diagnosis	ICD-9-CM
812.1	Open fracture of upper end of humerus	Diagnosis	ICD-9-CM
812.10	Open fracture of unspecified part of upper end of humerus	Diagnosis	ICD-9-CM
812.11	Open fracture of surgical neck of humerus	Diagnosis	ICD-9-CM
812.12	Open fracture of anatomical neck of humerus	Diagnosis	ICD-9-CM
812.13	Open fracture of greater tuberosity of humerus	Diagnosis	ICD-9-CM
812.19	Other open fracture of upper end of humerus	Diagnosis	ICD-9-CM
812.2	Closed fracture of shaft or unspecified part of humerus	Diagnosis	ICD-9-CM
812.20	Closed fracture of unspecified part of humerus	Diagnosis	ICD-9-CM
812.21	Closed fracture of shaft of humerus	Diagnosis	ICD-9-CM
812.3	Open fracture of shaft or unspecified part of humerus	Diagnosis	ICD-9-CM
812.30	Open fracture of unspecified part of humerus	Diagnosis	ICD-9-CM
812.31	Open fracture of shaft of humerus	Diagnosis	ICD-9-CM
812.4	Closed fracture of lower end of humerus	Diagnosis	ICD-9-CM
812.40	Closed fracture of unspecified part of lower end of humerus	Diagnosis	ICD-9-CM
812.41	Closed fracture of supracondylar humerus	Diagnosis	ICD-9-CM
812.42	Closed fracture of lateral condyle of humerus	Diagnosis	ICD-9-CM
812.43	Closed fracture of medial condyle of humerus	Diagnosis	ICD-9-CM
812.44	Closed fracture of unspecified condyle(s) of humerus	Diagnosis	ICD-9-CM
812.49	Other closed fracture of lower end of humerus	Diagnosis	ICD-9-CM
812.5	Open fracture of lower end of humerus	Diagnosis	ICD-9-CM
812.50	Open fracture of unspecified part of lower end of humerus	Diagnosis	ICD-9-CM
812.51	Open fracture of supracondylar humerus	Diagnosis	ICD-9-CM
812.52	Open fracture of lateral condyle of humerus	Diagnosis	ICD-9-CM
812.53	Open fracture of medial condyle of humerus	Diagnosis	ICD-9-CM
812.54	Open fracture of unspecified condyle(s) of humerus	Diagnosis	ICD-9-CM
812.59	Other open fracture of lower end of humerus	Diagnosis	ICD-9-CM
M80.021A	Age-related osteoporosis with current pathological fracture, right humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.022A	Age-related osteoporosis with current pathological fracture, left humerus, initial encounter for fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
M80.029A	Age-related osteoporosis with current pathological fracture, unspecified humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.821A	Other osteoporosis with current pathological fracture, right humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.822A	Other osteoporosis with current pathological fracture, left humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.829A	Other osteoporosis with current pathological fracture, unspecified humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.421A	Pathological fracture, right humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.422A	Pathological fracture, left humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.429A	Pathological fracture, unspecified humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.521A	Pathological fracture in neoplastic disease, right humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.522A	Pathological fracture in neoplastic disease, left humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.529A	Pathological fracture in neoplastic disease, unspecified humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.621A	Pathological fracture in other disease, right humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.622A	Pathological fracture in other disease, left humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.629A	Pathological fracture in other disease, unspecified humerus, initial encounter for fracture	Diagnosis	ICD-10-CM
S42.201A	Unspecified fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.201B	Unspecified fracture of upper end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.202A	Unspecified fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.202B	Unspecified fracture of upper end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.209A	Unspecified fracture of upper end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.209B	Unspecified fracture of upper end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.211A	Unspecified displaced fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.211B	Unspecified displaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.212A	Unspecified displaced fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.212B	Unspecified displaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.213A	Unspecified displaced fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.213B	Unspecified displaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.214A	Unspecified nondisplaced fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.214B	Unspecified nondisplaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.215A	Unspecified nondisplaced fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.215B	Unspecified nondisplaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.216A	Unspecified nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.216B	Unspecified nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.221A	2-part displaced fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.221B	2-part displaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.222A	2-part displaced fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.222B	2-part displaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.223A	2-part displaced fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.223B	2-part displaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.224A	2-part nondisplaced fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.224B	2-part nondisplaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.225A	2-part nondisplaced fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.225B	2-part nondisplaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.226A	2-part nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.226B	2-part nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.231A	3-part fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.231B	3-part fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.232A	3-part fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.232B	3-part fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.239A	3-part fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.239B	3-part fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.241A	4-part fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.241B	4-part fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.242A	4-part fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.242B	4-part fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.249A	4-part fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.249B	4-part fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.251A	Displaced fracture of greater tuberosity of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.251B	Displaced fracture of greater tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.252A	Displaced fracture of greater tuberosity of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.252B	Displaced fracture of greater tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.253A	Displaced fracture of greater tuberosity of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.253B	Displaced fracture of greater tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.254A	Nondisplaced fracture of greater tuberosity of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.254B	Nondisplaced fracture of greater tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.255A	Nondisplaced fracture of greater tuberosity of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.255B	Nondisplaced fracture of greater tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.256A	Nondisplaced fracture of greater tuberosity of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.256B	Nondisplaced fracture of greater tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.261A	Displaced fracture of lesser tuberosity of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.261B	Displaced fracture of lesser tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.262A	Displaced fracture of lesser tuberosity of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.262B	Displaced fracture of lesser tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.263A	Displaced fracture of lesser tuberosity of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.263B	Displaced fracture of lesser tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.264A	Nondisplaced fracture of lesser tuberosity of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.264B	Nondisplaced fracture of lesser tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.265A	Nondisplaced fracture of lesser tuberosity of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.265B	Nondisplaced fracture of lesser tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.266A	Nondisplaced fracture of lesser tuberosity of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.266B	Nondisplaced fracture of lesser tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.271A	Torus fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.272A	Torus fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.279A	Torus fracture of upper end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.291A	Other displaced fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.291B	Other displaced fracture of upper end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.292A	Other displaced fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.292B	Other displaced fracture of upper end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.293A	Other displaced fracture of upper end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.293B	Other displaced fracture of upper end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.294A	Other nondisplaced fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.294B	Other nondisplaced fracture of upper end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.295A	Other nondisplaced fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.295B	Other nondisplaced fracture of upper end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.296A	Other nondisplaced fracture of upper end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.296B	Other nondisplaced fracture of upper end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.301A	Unspecified fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.301B	Unspecified fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.302A	Unspecified fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.302B	Unspecified fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.309A	Unspecified fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.309B	Unspecified fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.311A	Greenstick fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.312A	Greenstick fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.319A	Greenstick fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.321A	Displaced transverse fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.321B	Displaced transverse fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.322A	Displaced transverse fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.322B	Displaced transverse fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.323A	Displaced transverse fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.323B	Displaced transverse fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.324A	Nondisplaced transverse fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.324B	Nondisplaced transverse fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.325A	Nondisplaced transverse fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.325B	Nondisplaced transverse fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.326A	Nondisplaced transverse fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.326B	Nondisplaced transverse fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.331A	Displaced oblique fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.331B	Displaced oblique fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.332A	Displaced oblique fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.332B	Displaced oblique fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.333A	Displaced oblique fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.333B	Displaced oblique fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.334A	Nondisplaced oblique fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.334B	Nondisplaced oblique fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.335A	Nondisplaced oblique fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.335B	Nondisplaced oblique fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.336A	Nondisplaced oblique fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.336B	Nondisplaced oblique fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.341A	Displaced spiral fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.341B	Displaced spiral fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.342A	Displaced spiral fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.342B	Displaced spiral fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.343A	Displaced spiral fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.343B	Displaced spiral fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.344A	Nondisplaced spiral fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.344B	Nondisplaced spiral fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.345A	Nondisplaced spiral fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.345B	Nondisplaced spiral fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.346A	Nondisplaced spiral fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.346B	Nondisplaced spiral fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.351A	Displaced comminuted fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.351B	Displaced comminuted fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.352A	Displaced comminuted fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.352B	Displaced comminuted fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.353A	Displaced comminuted fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.353B	Displaced comminuted fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.354A	Nondisplaced comminuted fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.354B	Nondisplaced comminuted fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.355A	Nondisplaced comminuted fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.355B	Nondisplaced comminuted fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.356A	Nondisplaced comminuted fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.356B	Nondisplaced comminuted fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.361A	Displaced segmental fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.361B	Displaced segmental fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.362A	Displaced segmental fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.362B	Displaced segmental fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.363A	Displaced segmental fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.363B	Displaced segmental fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.364A	Nondisplaced segmental fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.364B	Nondisplaced segmental fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.365A	Nondisplaced segmental fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.365B	Nondisplaced segmental fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.366A	Nondisplaced segmental fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.366B	Nondisplaced segmental fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.391A	Other fracture of shaft of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.391B	Other fracture of shaft of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.392A	Other fracture of shaft of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.392B	Other fracture of shaft of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.399A	Other fracture of shaft of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.399B	Other fracture of shaft of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.401A	Unspecified fracture of lower end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.401B	Unspecified fracture of lower end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.402A	Unspecified fracture of lower end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.402B	Unspecified fracture of lower end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.409A	Unspecified fracture of lower end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.409B	Unspecified fracture of lower end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.411A	Displaced simple supracondylar fracture without intercondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.411B	Displaced simple supracondylar fracture without intercondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.412A	Displaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.412B	Displaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.413A	Displaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.413B	Displaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.414A	Nondisplaced simple supracondylar fracture without intercondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.414B	Nondisplaced simple supracondylar fracture without intercondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.415A	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.415B	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.416A	Nondisplaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.416B	Nondisplaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.421A	Displaced comminuted supracondylar fracture without intercondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.421B	Displaced comminuted supracondylar fracture without intercondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.422A	Displaced comminuted supracondylar fracture without intercondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.422B	Displaced comminuted supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.423A	Displaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.423B	Displaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.424A	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.424B	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.425A	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.425B	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.426A	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.426B	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.431A	Displaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.431B	Displaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.432A	Displaced fracture (avulsion) of lateral epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.432B	Displaced fracture (avulsion) of lateral epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.433A	Displaced fracture (avulsion) of lateral epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.433B	Displaced fracture (avulsion) of lateral epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.434A	Nondisplaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.434B	Nondisplaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.435A	Nondisplaced fracture (avulsion) of lateral epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.435B	Nondisplaced fracture (avulsion) of lateral epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.436A	Nondisplaced fracture (avulsion) of lateral epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.436B	Nondisplaced fracture (avulsion) of lateral epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.441A	Displaced fracture (avulsion) of medial epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.441B	Displaced fracture (avulsion) of medial epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.442A	Displaced fracture (avulsion) of medial epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.442B	Displaced fracture (avulsion) of medial epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.443A	Displaced fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.443B	Displaced fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.444A	Nondisplaced fracture (avulsion) of medial epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.444B	Nondisplaced fracture (avulsion) of medial epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.445A	Nondisplaced fracture (avulsion) of medial epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.445B	Nondisplaced fracture (avulsion) of medial epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.446A	Nondisplaced fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.446B	Nondisplaced fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.447A	Incarcerated fracture (avulsion) of medial epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.447B	Incarcerated fracture (avulsion) of medial epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.448A	Incarcerated fracture (avulsion) of medial epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.448B	Incarcerated fracture (avulsion) of medial epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.449A	Incarcerated fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.449B	Incarcerated fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.451A	Displaced fracture of lateral condyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.451B	Displaced fracture of lateral condyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.452A	Displaced fracture of lateral condyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.452B	Displaced fracture of lateral condyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.453A	Displaced fracture of lateral condyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.453B	Displaced fracture of lateral condyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.454A	Nondisplaced fracture of lateral condyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.454B	Nondisplaced fracture of lateral condyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.455A	Nondisplaced fracture of lateral condyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.455B	Nondisplaced fracture of lateral condyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.456A	Nondisplaced fracture of lateral condyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.456B	Nondisplaced fracture of lateral condyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.461A	Displaced fracture of medial condyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.461B	Displaced fracture of medial condyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.462A	Displaced fracture of medial condyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.462B	Displaced fracture of medial condyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.463A	Displaced fracture of medial condyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.463B	Displaced fracture of medial condyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.464A	Nondisplaced fracture of medial condyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.464B	Nondisplaced fracture of medial condyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.465A	Nondisplaced fracture of medial condyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.465B	Nondisplaced fracture of medial condyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.466A	Nondisplaced fracture of medial condyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.466B	Nondisplaced fracture of medial condyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.471A	Displaced transcondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.471B	Displaced transcondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.472A	Displaced transcondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.472B	Displaced transcondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.473A	Displaced transcondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.473B	Displaced transcondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.474A	Nondisplaced transcondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.474B	Nondisplaced transcondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.475A	Nondisplaced transcondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.475B	Nondisplaced transcondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.476A	Nondisplaced transcondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.476B	Nondisplaced transcondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.481A	Torus fracture of lower end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.482A	Torus fracture of lower end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.489A	Torus fracture of lower end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.491A	Other displaced fracture of lower end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.491B	Other displaced fracture of lower end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.492A	Other displaced fracture of lower end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.492B	Other displaced fracture of lower end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.493A	Other displaced fracture of lower end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.493B	Other displaced fracture of lower end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.494A	Other nondisplaced fracture of lower end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.494B	Other nondisplaced fracture of lower end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.495A	Other nondisplaced fracture of lower end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.495B	Other nondisplaced fracture of lower end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.496A	Other nondisplaced fracture of lower end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.496B	Other nondisplaced fracture of lower end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.90XA	Fracture of unspecified shoulder girdle, part unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.90XB	Fracture of unspecified shoulder girdle, part unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.91XA	Fracture of right shoulder girdle, part unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.91XB	Fracture of right shoulder girdle, part unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.92XA	Fracture of left shoulder girdle, part unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.92XB	Fracture of left shoulder girdle, part unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
S49.001A	Unspecified physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.002A	Unspecified physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.009A	Unspecified physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.011A	Salter-Harris Type I physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.012A	Salter-Harris Type I physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.019A	Salter-Harris Type I physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.021A	Salter-Harris Type II physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.022A	Salter-Harris Type II physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.029A	Salter-Harris Type II physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.031A	Salter-Harris Type III physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.032A	Salter-Harris Type III physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.039A	Salter-Harris Type III physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.041A	Salter-Harris Type IV physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.042A	Salter-Harris Type IV physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.049A	Salter-Harris Type IV physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.091A	Other physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.092A	Other physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.099A	Other physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S49.101A	Unspecified physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.102A	Unspecified physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.109A	Unspecified physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.111A	Salter-Harris Type I physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.112A	Salter-Harris Type I physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.119A	Salter-Harris Type I physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.121A	Salter-Harris Type II physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.122A	Salter-Harris Type II physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.129A	Salter-Harris Type II physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.131A	Salter-Harris Type III physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.132A	Salter-Harris Type III physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.139A	Salter-Harris Type III physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.141A	Salter-Harris Type IV physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.142A	Salter-Harris Type IV physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.149A	Salter-Harris Type IV physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.191A	Other physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.192A	Other physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.199A	Other physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
78.52	Internal fixation of humerus without fracture reduction	Procedure	ICD-9-CM
79.01	Closed reduction of fracture of humerus without internal fixation	Procedure	ICD-9-CM
79.11	Closed reduction of fracture of humerus with internal fixation	Procedure	ICD-9-CM
79.21	Open reduction of fracture of humerus without internal fixation	Procedure	ICD-9-CM
79.31	Open reduction of fracture of humerus with internal fixation	Procedure	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
79.61	Debridement of open fracture of humerus	Procedure	ICD-9-CM
0PBC0ZZ	Excision of Right Humeral Head, Open Approach	Procedure	ICD-10-PCS
0PBD0ZZ	Excision of Left Humeral Head, Open Approach	Procedure	ICD-10-PCS
0PBF0ZZ	Excision of Right Humeral Shaft, Open Approach	Procedure	ICD-10-PCS
0PBG0ZZ	Excision of Left Humeral Shaft, Open Approach	Procedure	ICD-10-PCS
0PHC04Z	Insertion of Internal Fixation Device into Right Humeral Head, Open Approach	Procedure	ICD-10-PCS
0PHC06Z	Insertion of Intramedullary Internal Fixation Device into Right Humeral Head, Open Approach	Procedure	ICD-10-PCS
0PHC34Z	Insertion of Internal Fixation Device into Right Humeral Head, Percutaneous Approach	Procedure	ICD-10-PCS
0PHC36Z	Insertion of Intramedullary Internal Fixation Device into Right Humeral Head, Percutaneous Approach	Procedure	ICD-10-PCS
0PHC44Z	Insertion of Internal Fixation Device into Right Humeral Head, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PHC46Z	Insertion of Intramedullary Internal Fixation Device into Right Humeral Head, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PHD04Z	Insertion of Internal Fixation Device into Left Humeral Head, Open Approach	Procedure	ICD-10-PCS
0PHD06Z	Insertion of Intramedullary Internal Fixation Device into Left Humeral Head, Open Approach	Procedure	ICD-10-PCS
0PHD34Z	Insertion of Internal Fixation Device into Left Humeral Head, Percutaneous Approach	Procedure	ICD-10-PCS
0PHD36Z	Insertion of Intramedullary Internal Fixation Device into Left Humeral Head, Percutaneous Approach	Procedure	ICD-10-PCS
0PHD44Z	Insertion of Internal Fixation Device into Left Humeral Head, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PHD46Z	Insertion of Intramedullary Internal Fixation Device into Left Humeral Head, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PHF04Z	Insertion of Internal Fixation Device into Right Humeral Shaft, Open Approach	Procedure	ICD-10-PCS
0PHF06Z	Insertion of Intramedullary Internal Fixation Device into Right Humeral Shaft, Open Approach	Procedure	ICD-10-PCS
0PHF34Z	Insertion of Internal Fixation Device into Right Humeral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0PHF36Z	Insertion of Intramedullary Internal Fixation Device into Right Humeral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0PHF44Z	Insertion of Internal Fixation Device into Right Humeral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PHF46Z	Insertion of Intramedullary Internal Fixation Device into Right Humeral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PHG04Z	Insertion of Internal Fixation Device into Left Humeral Shaft, Open Approach	Procedure	ICD-10-PCS
0PHG06Z	Insertion of Intramedullary Internal Fixation Device into Left Humeral Shaft, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
OPHG34Z	Insertion of Internal Fixation Device into Left Humeral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
OPHG36Z	Insertion of Intramedullary Internal Fixation Device into Left Humeral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
OPHG44Z	Insertion of Internal Fixation Device into Left Humeral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHG46Z	Insertion of Intramedullary Internal Fixation Device into Left Humeral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSC04Z	Reposition Right Humeral Head with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSC05Z	Reposition Right Humeral Head with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSC06Z	Reposition Right Humeral Head with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSC0BZ	Reposition Right Humeral Head with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSC0CZ	Reposition Right Humeral Head with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSC0DZ	Reposition Right Humeral Head with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSC0ZZ	Reposition Right Humeral Head, Open Approach	Procedure	ICD-10-PCS
OPSC34Z	Reposition Right Humeral Head with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSC35Z	Reposition Right Humeral Head with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSC36Z	Reposition Right Humeral Head with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSC3BZ	Reposition Right Humeral Head with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSC3CZ	Reposition Right Humeral Head with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSC3DZ	Reposition Right Humeral Head with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSC3ZZ	Reposition Right Humeral Head, Percutaneous Approach	Procedure	ICD-10-PCS
OPSC44Z	Reposition Right Humeral Head with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSC45Z	Reposition Right Humeral Head with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSC46Z	Reposition Right Humeral Head with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSC4BZ	Reposition Right Humeral Head with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
OPSC4CZ	Reposition Right Humeral Head with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSC4DZ	Reposition Right Humeral Head with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSC4ZZ	Reposition Right Humeral Head, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSCXZZ	Reposition Right Humeral Head, External Approach	Procedure	ICD-10-PCS
OPSD04Z	Reposition Left Humeral Head with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSD05Z	Reposition Left Humeral Head with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSD06Z	Reposition Left Humeral Head with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSD0BZ	Reposition Left Humeral Head with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSD0CZ	Reposition Left Humeral Head with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSD0DZ	Reposition Left Humeral Head with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSD0ZZ	Reposition Left Humeral Head, Open Approach	Procedure	ICD-10-PCS
OPSD34Z	Reposition Left Humeral Head with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSD35Z	Reposition Left Humeral Head with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSD36Z	Reposition Left Humeral Head with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSD3BZ	Reposition Left Humeral Head with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSD3CZ	Reposition Left Humeral Head with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSD3DZ	Reposition Left Humeral Head with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSD3ZZ	Reposition Left Humeral Head, Percutaneous Approach	Procedure	ICD-10-PCS
OPSD44Z	Reposition Left Humeral Head with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSD45Z	Reposition Left Humeral Head with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSD46Z	Reposition Left Humeral Head with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSD4BZ	Reposition Left Humeral Head with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSD4CZ	Reposition Left Humeral Head with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
OPSD4DZ	Reposition Left Humeral Head with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSD4ZZ	Reposition Left Humeral Head, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSDXZZ	Reposition Left Humeral Head, External Approach	Procedure	ICD-10-PCS
OPSF04Z	Reposition Right Humeral Shaft with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSF05Z	Reposition Right Humeral Shaft with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSF06Z	Reposition Right Humeral Shaft with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSF0BZ	Reposition Right Humeral Shaft with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSF0CZ	Reposition Right Humeral Shaft with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSF0DZ	Reposition Right Humeral Shaft with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSF0ZZ	Reposition Right Humeral Shaft, Open Approach	Procedure	ICD-10-PCS
OPSF34Z	Reposition Right Humeral Shaft with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSF35Z	Reposition Right Humeral Shaft with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSF36Z	Reposition Right Humeral Shaft with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSF3BZ	Reposition Right Humeral Shaft with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSF3CZ	Reposition Right Humeral Shaft with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSF3DZ	Reposition Right Humeral Shaft with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSF3ZZ	Reposition Right Humeral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
OPSF44Z	Reposition Right Humeral Shaft with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSF45Z	Reposition Right Humeral Shaft with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSF46Z	Reposition Right Humeral Shaft with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSF4BZ	Reposition Right Humeral Shaft with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSF4CZ	Reposition Right Humeral Shaft with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSF4DZ	Reposition Right Humeral Shaft with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSF4ZZ	Reposition Right Humeral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
OPSFZZ	Reposition Right Humeral Shaft, External Approach	Procedure	ICD-10-PCS
OPSG04Z	Reposition Left Humeral Shaft with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSG05Z	Reposition Left Humeral Shaft with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSG06Z	Reposition Left Humeral Shaft with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSG0BZ	Reposition Left Humeral Shaft with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSG0CZ	Reposition Left Humeral Shaft with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSG0DZ	Reposition Left Humeral Shaft with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSG0ZZ	Reposition Left Humeral Shaft, Open Approach	Procedure	ICD-10-PCS
OPSG34Z	Reposition Left Humeral Shaft with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSG35Z	Reposition Left Humeral Shaft with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSG36Z	Reposition Left Humeral Shaft with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSG3BZ	Reposition Left Humeral Shaft with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSG3CZ	Reposition Left Humeral Shaft with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSG3DZ	Reposition Left Humeral Shaft with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSG3ZZ	Reposition Left Humeral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
OPSG44Z	Reposition Left Humeral Shaft with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSG45Z	Reposition Left Humeral Shaft with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSG46Z	Reposition Left Humeral Shaft with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSG4BZ	Reposition Left Humeral Shaft with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSG4CZ	Reposition Left Humeral Shaft with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSG4DZ	Reposition Left Humeral Shaft with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSG4ZZ	Reposition Left Humeral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSGXZZ	Reposition Left Humeral Shaft, External Approach	Procedure	ICD-10-PCS
23600	Closed treatment of proximal humeral (surgical or anatomical neck) fracture; without manipulation	Procedure	CPT-4

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
23605	Closed treatment of proximal humeral (surgical or anatomical neck) fracture; with manipulation, with or without skeletal traction	Procedure	CPT-4
23610	Treatment Of Open Humeral (surgical Or Anatomical Neck) Fracture, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
23615	Open treatment of proximal humeral (surgical or anatomical neck) fracture, includes internal fixation, when performed, includes repair of tuberosity(s), when performed;	Procedure	CPT-4
23620	Closed treatment of greater humeral tuberosity fracture; without manipulation	Procedure	CPT-4
23625	Closed treatment of greater humeral tuberosity fracture; with manipulation	Procedure	CPT-4
23630	Open treatment of greater humeral tuberosity fracture, includes internal fixation, when performed	Procedure	CPT-4
23665	Closed treatment of shoulder dislocation, with fracture of greater humeral tuberosity, with manipulation	Procedure	CPT-4
23670	Open treatment of shoulder dislocation, with fracture of greater humeral tuberosity, includes internal fixation, when performed	Procedure	CPT-4
23675	Closed treatment of shoulder dislocation, with surgical or anatomical neck fracture, with manipulation	Procedure	CPT-4
23680	Open treatment of shoulder dislocation, with surgical or anatomical neck fracture, includes internal fixation, when performed	Procedure	CPT-4
24500	Closed treatment of humeral shaft fracture; without manipulation	Procedure	CPT-4
24505	Closed treatment of humeral shaft fracture; with manipulation, with or without skeletal traction	Procedure	CPT-4
24506	Treatment Of Closed Humeral Shaft Fracture; Percutaneous Insertion Of Pin Or Rod	Procedure	CPT-4
24510	Treatment Of Open Humeral Shaft Fracture, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
24515	Open treatment of humeral shaft fracture with plate/screws, with or without cerclage	Procedure	CPT-4
24530	Closed treatment of supracondylar or transcondylar humeral fracture, with or without intercondylar extension; without manipulation	Procedure	CPT-4
24531	Treatment Of Closed Humeral Supracondylar Or Transcondylar Fracture, Without Manipulation; With Traction (pin Or Skin)	Procedure	CPT-4
24535	Closed treatment of supracondylar or transcondylar humeral fracture, with or without intercondylar extension; with manipulation, with or without skin or skeletal traction	Procedure	CPT-4
24536	Treatment Of Closed Humeral Supracondylar Or Transcondylar Fracture, With Manipulation; With Traction (pin Or Skin)	Procedure	CPT-4
24538	Percutaneous skeletal fixation of supracondylar or transcondylar humeral fracture, with or without intercondylar extension	Procedure	CPT-4
24540	Treatment Of Open Humeral Supracondylar Or Transcondylar Fracture, With Uncomplicated Soft Tissue Closure;	Procedure	CPT-4

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
24542	Treatment Of Open Humeral Supracondylar Or Transcondylar Fracture, With Uncomplicated Soft Tissue Closure; With Traction (pin Or Skin)	Procedure	CPT-4
24545	Open treatment of humeral supracondylar or transcondylar fracture, includes internal fixation, when performed; without intercondylar extension	Procedure	CPT-4
24560	Closed treatment of humeral epicondylar fracture, medial or lateral; without manipulation	Procedure	CPT-4
24565	Closed treatment of humeral epicondylar fracture, medial or lateral; with manipulation	Procedure	CPT-4
24570	Treatment Of Open Humeral Epicondylar Fracture, Medial Or Lateral, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
24575	Open treatment of humeral epicondylar fracture, medial or lateral, includes internal fixation, when performed	Procedure	CPT-4
24576	Closed treatment of humeral condylar fracture, medial or lateral; without manipulation	Procedure	CPT-4
24577	Closed treatment of humeral condylar fracture, medial or lateral; with manipulation	Procedure	CPT-4
24578	Treatment Of Open Humeral Condylar Fracture, Medial Or Lateral, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
24579	Open treatment of humeral condylar fracture, medial or lateral, includes internal fixation, when performed	Procedure	CPT-4
24580	Treatment Of Closed Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna And/or Proximal Radius), Treatment With Traction, (pin Or Skin); Without Manipulation	Procedure	CPT-4
24581	Treatment Of Closed Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna And/or Proximal Radius), Treatment With Traction, (pin Or Skin); With Manipulation	Procedure	CPT-4
24583	Treatment Of Open Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna And/or Proximal Radius), With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
24585	Open Treatment Of Closed Or Open Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna/radius), With Or Without Internal Or External Skeletal Fixation;	Procedure	CPT-4
24586	Open treatment of periarticular fracture and/or dislocation of the elbow (fracture distal humerus and proximal ulna and/or proximal radius);	Procedure	CPT-4
24587	Open treatment of periarticular fracture and/or dislocation of the elbow (fracture distal humerus and proximal ulna and/or proximal radius); with implant arthroplasty	Procedure	CPT-4
24588	Open Treatment Of Closed Or Open Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna/radius), With Or Without Internal Or External Skeletal Fixation; With Implants And Fascia Lata Ligament Reconstruction	Procedure	CPT-4

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
29035	Application of body cast, shoulder to hips;	Procedure	CPT-4
29040	Application of body cast, shoulder to hips; including head, Minerva type	Procedure	CPT-4
29044	Application of body cast, shoulder to hips; including 1 thigh	Procedure	CPT-4
29046	Application of body cast, shoulder to hips; including both thighs	Procedure	CPT-4
29065	Application, cast; shoulder to hand (long arm)	Procedure	CPT-4
29105	Application of long arm splint (shoulder to hand)	Procedure	CPT-4
29799	Unlisted procedure, casting or strapping	Procedure	CPT-4
Femur Fracture			
733.15	Pathologic fracture of other specified part of femur	Diagnosis	ICD-9-CM
821	Fracture of other and unspecified parts of femur	Diagnosis	ICD-9-CM
821.0	Closed fracture of shaft or unspecified part of femur	Diagnosis	ICD-9-CM
821.00	Closed fracture of unspecified part of femur	Diagnosis	ICD-9-CM
821.01	Closed fracture of shaft of femur	Diagnosis	ICD-9-CM
821.1	Open fracture of shaft or unspecified part of femur	Diagnosis	ICD-9-CM
821.10	Open fracture of unspecified part of femur	Diagnosis	ICD-9-CM
821.11	Open fracture of shaft of femur	Diagnosis	ICD-9-CM
821.2	Closed fracture of lower end of femur	Diagnosis	ICD-9-CM
821.20	Closed fracture of unspecified part of lower end of femur	Diagnosis	ICD-9-CM
821.21	Closed fracture of femoral condyle	Diagnosis	ICD-9-CM
821.22	Closed fracture of lower epiphysis of femur	Diagnosis	ICD-9-CM
821.23	Closed supracondylar fracture of femur	Diagnosis	ICD-9-CM
821.29	Other closed fracture of lower end of femur	Diagnosis	ICD-9-CM
821.3	Open fracture of lower end of femur	Diagnosis	ICD-9-CM
821.30	Open fracture of unspecified part of lower end of femur	Diagnosis	ICD-9-CM
821.31	Open fracture of femoral condyle	Diagnosis	ICD-9-CM
821.32	Open fracture of lower epiphysis of femur	Diagnosis	ICD-9-CM
821.33	Open supracondylar fracture of femur	Diagnosis	ICD-9-CM
821.39	Other open fracture of lower end of femur	Diagnosis	ICD-9-CM
M80.051A	Age-related osteoporosis with current pathological fracture, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.052A	Age-related osteoporosis with current pathological fracture, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.059A	Age-related osteoporosis with current pathological fracture, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.851A	Other osteoporosis with current pathological fracture, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.852A	Other osteoporosis with current pathological fracture, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.859A	Other osteoporosis with current pathological fracture, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.451A	Pathological fracture, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
M84.452A	Pathological fracture, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.453A	Pathological fracture, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.551A	Pathological fracture in neoplastic disease, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.552A	Pathological fracture in neoplastic disease, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.553A	Pathological fracture in neoplastic disease, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.559A	Pathological fracture in neoplastic disease, hip, unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.651A	Pathological fracture in other disease, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.652A	Pathological fracture in other disease, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.653A	Pathological fracture in other disease, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.659A	Pathological fracture in other disease, hip, unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.750A	Atypical femoral fracture, unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.751A	Incomplete atypical femoral fracture, right leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.752A	Incomplete atypical femoral fracture, left leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.753A	Incomplete atypical femoral fracture, unspecified leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.754A	Complete transverse atypical femoral fracture, right leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.755A	Complete transverse atypical femoral fracture, left leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.756A	Complete transverse atypical femoral fracture, unspecified leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.757A	Complete oblique atypical femoral fracture, right leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.758A	Complete oblique atypical femoral fracture, left leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.759A	Complete oblique atypical femoral fracture, unspecified leg, initial encounter for fracture	Diagnosis	ICD-10-CM
S72.301A	Unspecified fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.301B	Unspecified fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.301C	Unspecified fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.302A	Unspecified fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.302B	Unspecified fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.302C	Unspecified fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.309A	Unspecified fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.309B	Unspecified fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.309C	Unspecified fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.321A	Displaced transverse fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.321B	Displaced transverse fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.321C	Displaced transverse fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.322A	Displaced transverse fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.322B	Displaced transverse fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.322C	Displaced transverse fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.323A	Displaced transverse fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.323B	Displaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.323C	Displaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.324A	Nondisplaced transverse fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.324B	Nondisplaced transverse fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.324C	Nondisplaced transverse fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.325A	Nondisplaced transverse fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.325B	Nondisplaced transverse fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.325C	Nondisplaced transverse fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.326A	Nondisplaced transverse fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.326B	Nondisplaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.326C	Nondisplaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.331A	Displaced oblique fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.331B	Displaced oblique fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.331C	Displaced oblique fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.332A	Displaced oblique fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.332B	Displaced oblique fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.332C	Displaced oblique fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.333A	Displaced oblique fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.333B	Displaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.333C	Displaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.334A	Nondisplaced oblique fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.334B	Nondisplaced oblique fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.334C	Nondisplaced oblique fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.335A	Nondisplaced oblique fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.335B	Nondisplaced oblique fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.335C	Nondisplaced oblique fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.336A	Nondisplaced oblique fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.336B	Nondisplaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.336C	Nondisplaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.341A	Displaced spiral fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.341B	Displaced spiral fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.341C	Displaced spiral fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.342A	Displaced spiral fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.342B	Displaced spiral fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.342C	Displaced spiral fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.343A	Displaced spiral fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.343B	Displaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.343C	Displaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.344A	Nondisplaced spiral fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.344B	Nondisplaced spiral fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.344C	Nondisplaced spiral fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.345A	Nondisplaced spiral fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.345B	Nondisplaced spiral fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.345C	Nondisplaced spiral fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.346A	Nondisplaced spiral fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.346B	Nondisplaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.346C	Nondisplaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.351A	Displaced comminuted fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.351B	Displaced comminuted fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.351C	Displaced comminuted fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.352A	Displaced comminuted fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.352B	Displaced comminuted fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.352C	Displaced comminuted fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.353A	Displaced comminuted fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.353B	Displaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.353C	Displaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.354A	Nondisplaced comminuted fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.354B	Nondisplaced comminuted fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.354C	Nondisplaced comminuted fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.355A	Nondisplaced comminuted fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.355B	Nondisplaced comminuted fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.355C	Nondisplaced comminuted fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.356A	Nondisplaced comminuted fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.356B	Nondisplaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.356C	Nondisplaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.361A	Displaced segmental fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.361B	Displaced segmental fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.361C	Displaced segmental fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.362A	Displaced segmental fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.362B	Displaced segmental fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.362C	Displaced segmental fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.363A	Displaced segmental fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.363B	Displaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.363C	Displaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.364A	Nondisplaced segmental fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.364B	Nondisplaced segmental fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.364C	Nondisplaced segmental fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.365A	Nondisplaced segmental fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.365B	Nondisplaced segmental fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.365C	Nondisplaced segmental fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.366A	Nondisplaced segmental fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.366B	Nondisplaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.366C	Nondisplaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.391A	Other fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.391B	Other fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.391C	Other fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.392A	Other fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.392B	Other fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.392C	Other fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.399A	Other fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.399B	Other fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.399C	Other fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.401A	Unspecified fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.401B	Unspecified fracture of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.401C	Unspecified fracture of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.402A	Unspecified fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.402B	Unspecified fracture of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.402C	Unspecified fracture of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.409A	Unspecified fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.409B	Unspecified fracture of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.409C	Unspecified fracture of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.411A	Displaced unspecified condyle fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.411B	Displaced unspecified condyle fracture of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.411C	Displaced unspecified condyle fracture of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.412A	Displaced unspecified condyle fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.412B	Displaced unspecified condyle fracture of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.412C	Displaced unspecified condyle fracture of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.413A	Displaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.413B	Displaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.413C	Displaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.414A	Nondisplaced unspecified condyle fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.414B	Nondisplaced unspecified condyle fracture of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.414C	Nondisplaced unspecified condyle fracture of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.415A	Nondisplaced unspecified condyle fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.415B	Nondisplaced unspecified condyle fracture of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.415C	Nondisplaced unspecified condyle fracture of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.416A	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.416B	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.416C	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.421A	Displaced fracture of lateral condyle of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.421B	Displaced fracture of lateral condyle of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.421C	Displaced fracture of lateral condyle of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.422A	Displaced fracture of lateral condyle of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.422B	Displaced fracture of lateral condyle of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.422C	Displaced fracture of lateral condyle of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.423A	Displaced fracture of lateral condyle of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.423B	Displaced fracture of lateral condyle of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.423C	Displaced fracture of lateral condyle of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.424A	Nondisplaced fracture of lateral condyle of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.424B	Nondisplaced fracture of lateral condyle of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.424C	Nondisplaced fracture of lateral condyle of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.425A	Nondisplaced fracture of lateral condyle of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.425B	Nondisplaced fracture of lateral condyle of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.425C	Nondisplaced fracture of lateral condyle of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.426A	Nondisplaced fracture of lateral condyle of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.426B	Nondisplaced fracture of lateral condyle of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.426C	Nondisplaced fracture of lateral condyle of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.431A	Displaced fracture of medial condyle of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.431B	Displaced fracture of medial condyle of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.431C	Displaced fracture of medial condyle of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.432A	Displaced fracture of medial condyle of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.432B	Displaced fracture of medial condyle of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.432C	Displaced fracture of medial condyle of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.433A	Displaced fracture of medial condyle of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.433B	Displaced fracture of medial condyle of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.433C	Displaced fracture of medial condyle of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.434A	Nondisplaced fracture of medial condyle of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.434B	Nondisplaced fracture of medial condyle of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.434C	Nondisplaced fracture of medial condyle of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.435A	Nondisplaced fracture of medial condyle of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.435B	Nondisplaced fracture of medial condyle of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.435C	Nondisplaced fracture of medial condyle of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.436A	Nondisplaced fracture of medial condyle of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.436B	Nondisplaced fracture of medial condyle of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.436C	Nondisplaced fracture of medial condyle of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.441A	Displaced fracture of lower epiphysis (separation) of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.441B	Displaced fracture of lower epiphysis (separation) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.441C	Displaced fracture of lower epiphysis (separation) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.442A	Displaced fracture of lower epiphysis (separation) of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.442B	Displaced fracture of lower epiphysis (separation) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.442C	Displaced fracture of lower epiphysis (separation) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.443A	Displaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.443B	Displaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.443C	Displaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.444A	Nondisplaced fracture of lower epiphysis (separation) of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.444B	Nondisplaced fracture of lower epiphysis (separation) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.444C	Nondisplaced fracture of lower epiphysis (separation) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.445A	Nondisplaced fracture of lower epiphysis (separation) of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.445B	Nondisplaced fracture of lower epiphysis (separation) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.445C	Nondisplaced fracture of lower epiphysis (separation) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.446A	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.446B	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.446C	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.451A	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.451B	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.451C	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.452A	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.452B	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.452C	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.453A	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.453B	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.453C	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.454A	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.454B	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.454C	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.455A	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.455B	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.455C	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.456A	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.456B	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.456C	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.461A	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.461B	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.461C	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.462A	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.462B	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.462C	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.463A	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.463B	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.463C	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.464A	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.464B	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.464C	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.465A	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.465B	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.465C	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.466A	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.466B	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.466C	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.471A	Torus fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.472A	Torus fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.479A	Torus fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.491A	Other fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.491B	Other fracture of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.491C	Other fracture of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.492A	Other fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.492B	Other fracture of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.492C	Other fracture of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.499A	Other fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.499B	Other fracture of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.499C	Other fracture of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.8X1A	Other fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.8X1B	Other fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.8X1C	Other fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.8X2A	Other fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.8X2B	Other fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.8X2C	Other fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.8X9A	Other fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.8X9B	Other fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.8X9C	Other fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.90XA	Unspecified fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.90XB	Unspecified fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.90XC	Unspecified fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.91XA	Unspecified fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.91XB	Unspecified fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.91XC	Unspecified fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.92XA	Unspecified fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.92XB	Unspecified fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.92XC	Unspecified fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S79.101A	Unspecified physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.102A	Unspecified physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.109A	Unspecified physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.111A	Salter-Harris Type I physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.112A	Salter-Harris Type I physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.119A	Salter-Harris Type I physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.121A	Salter-Harris Type II physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.122A	Salter-Harris Type II physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.129A	Salter-Harris Type II physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.131A	Salter-Harris Type III physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.132A	Salter-Harris Type III physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.139A	Salter-Harris Type III physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.141A	Salter-Harris Type IV physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.142A	Salter-Harris Type IV physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.149A	Salter-Harris Type IV physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.191A	Other physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.192A	Other physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.199A	Other physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
27500	Closed treatment of femoral shaft fracture, without manipulation	Procedure	CPT-4

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
27502	Closed treatment of femoral shaft fracture, with manipulation, with or without skin or skeletal traction	Procedure	CPT-4
27504	Treatment Of Open Femoral Shaft Fracture (including Supracondylar), With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
27506	Open treatment of femoral shaft fracture, with or without external fixation, with insertion of intramedullary implant, with or without cerclage and/or locking screws	Procedure	CPT-4
27508	Closed treatment of femoral fracture, distal end, medial or lateral condyle, without manipulation	Procedure	CPT-4
27510	Closed treatment of femoral fracture, distal end, medial or lateral condyle, with manipulation	Procedure	CPT-4
27512	Treatment Of Open Femoral Fracture, Distal End, Medial Or Lateral Condyle, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
27514	Open treatment of femoral fracture, distal end, medial or lateral condyle, includes internal fixation, when performed	Procedure	CPT-4
29010	Application of Risser jacket, localizer, body; only	Procedure	CPT-4
29015	Application of Risser jacket, localizer, body; including head	Procedure	CPT-4
29020	Application of turnbuckle jacket, body; only	Procedure	CPT-4
29025	Application of turnbuckle jacket, body; including head	Procedure	CPT-4
29035	Application of body cast, shoulder to hips;	Procedure	CPT-4
29040	Application of body cast, shoulder to hips; including head, Minerva type	Procedure	CPT-4
29044	Application of body cast, shoulder to hips; including 1 thigh	Procedure	CPT-4
29046	Application of body cast, shoulder to hips; including both thighs	Procedure	CPT-4
29305	Application of hip spica cast; 1 leg	Procedure	CPT-4
29325	Application of hip spica cast; 1 and one-half spica or both legs	Procedure	CPT-4
29345	Application of long leg cast (thigh to toes);	Procedure	CPT-4
29355	Application of long leg cast (thigh to toes); walker or ambulatory type	Procedure	CPT-4
29358	Application of long leg cast brace	Procedure	CPT-4
29365	Application of cylinder cast (thigh to ankle)	Procedure	CPT-4
29505	Application of long leg splint (thigh to ankle or toes)	Procedure	CPT-4
29520	Strapping; hip	Procedure	CPT-4
29799	Unlisted procedure, casting or strapping	Procedure	CPT-4
Hip Fracture			
733.14	Pathologic fracture of neck of femur	Diagnosis	ICD-9-CM
820	Fracture of neck of femur	Diagnosis	ICD-9-CM
820.0	Closed transcervical fracture	Diagnosis	ICD-9-CM
820.00	Closed fracture of unspecified intracapsular section of neck of femur	Diagnosis	ICD-9-CM
820.01	Closed fracture of epiphysis (separation) (upper) of neck of femur	Diagnosis	ICD-9-CM
820.02	Closed fracture of midcervical section of femur	Diagnosis	ICD-9-CM
820.03	Closed fracture of base of neck of femur	Diagnosis	ICD-9-CM
820.09	Other closed transcervical fracture of femur	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
820.1	Open transcervical fracture	Diagnosis	ICD-9-CM
820.10	Open fracture of unspecified intracapsular section of neck of femur	Diagnosis	ICD-9-CM
820.11	Open fracture of epiphysis (separation) (upper) of neck of femur	Diagnosis	ICD-9-CM
820.12	Open fracture of midcervical section of femur	Diagnosis	ICD-9-CM
820.13	Open fracture of base of neck of femur	Diagnosis	ICD-9-CM
820.19	Other open transcervical fracture of femur	Diagnosis	ICD-9-CM
820.2	Closed pertrochanteric fracture of femur	Diagnosis	ICD-9-CM
820.20	Closed fracture of unspecified trochanteric section of femur	Diagnosis	ICD-9-CM
820.21	Closed fracture of intertrochanteric section of femur	Diagnosis	ICD-9-CM
820.22	Closed fracture of subtrochanteric section of femur	Diagnosis	ICD-9-CM
820.3	Open pertrochanteric fracture of femur	Diagnosis	ICD-9-CM
820.30	Open fracture of unspecified trochanteric section of femur	Diagnosis	ICD-9-CM
820.31	Open fracture of intertrochanteric section of femur	Diagnosis	ICD-9-CM
820.32	Open fracture of subtrochanteric section of femur	Diagnosis	ICD-9-CM
820.8	Closed fracture of unspecified part of neck of femur	Diagnosis	ICD-9-CM
820.9	Open fracture of unspecified part of neck of femur	Diagnosis	ICD-9-CM
M80.051A	Age-related osteoporosis with current pathological fracture, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.052A	Age-related osteoporosis with current pathological fracture, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.059A	Age-related osteoporosis with current pathological fracture, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.851A	Other osteoporosis with current pathological fracture, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.852A	Other osteoporosis with current pathological fracture, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.859A	Other osteoporosis with current pathological fracture, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.451A	Pathological fracture, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.452A	Pathological fracture, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.459A	Pathological fracture, hip, unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.551A	Pathological fracture in neoplastic disease, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.552A	Pathological fracture in neoplastic disease, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.553A	Pathological fracture in neoplastic disease, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.559A	Pathological fracture in neoplastic disease, hip, unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.651A	Pathological fracture in other disease, right femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.652A	Pathological fracture in other disease, left femur, initial encounter for fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
M84.653A	Pathological fracture in other disease, unspecified femur, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.659A	Pathological fracture in other disease, hip, unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.751A	Incomplete atypical femoral fracture, right leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.752A	Incomplete atypical femoral fracture, left leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.754A	Complete transverse atypical femoral fracture, right leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.755A	Complete transverse atypical femoral fracture, left leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.757A	Complete oblique atypical femoral fracture, right leg, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.758A	Complete oblique atypical femoral fracture, left leg, initial encounter for fracture	Diagnosis	ICD-10-CM
S72.001A	Fracture of unspecified part of neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.001B	Fracture of unspecified part of neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.001C	Fracture of unspecified part of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.002A	Fracture of unspecified part of neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.002B	Fracture of unspecified part of neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.002C	Fracture of unspecified part of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.009A	Fracture of unspecified part of neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.009B	Fracture of unspecified part of neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.009C	Fracture of unspecified part of neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.011A	Unspecified intracapsular fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.011B	Unspecified intracapsular fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.011C	Unspecified intracapsular fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.012A	Unspecified intracapsular fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.012B	Unspecified intracapsular fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.012C	Unspecified intracapsular fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.019A	Unspecified intracapsular fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.019B	Unspecified intracapsular fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.019C	Unspecified intracapsular fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.021A	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.021B	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.021C	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.022A	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.022B	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.022C	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.023A	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.023B	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.023C	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.024A	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.024B	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.024C	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.025A	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.025B	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.025C	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.026A	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.026B	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.026C	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.031A	Displaced midcervical fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.031B	Displaced midcervical fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.031C	Displaced midcervical fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.032A	Displaced midcervical fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.032B	Displaced midcervical fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.032C	Displaced midcervical fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.033A	Displaced midcervical fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.033B	Displaced midcervical fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.033C	Displaced midcervical fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.034A	Nondisplaced midcervical fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.034B	Nondisplaced midcervical fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.034C	Nondisplaced midcervical fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.035A	Nondisplaced midcervical fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.035B	Nondisplaced midcervical fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.035C	Nondisplaced midcervical fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.036A	Nondisplaced midcervical fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.036B	Nondisplaced midcervical fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.036C	Nondisplaced midcervical fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.041A	Displaced fracture of base of neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.041B	Displaced fracture of base of neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.041C	Displaced fracture of base of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.042A	Displaced fracture of base of neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.042B	Displaced fracture of base of neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.042C	Displaced fracture of base of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.043A	Displaced fracture of base of neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.043B	Displaced fracture of base of neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.043C	Displaced fracture of base of neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.044A	Nondisplaced fracture of base of neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.044B	Nondisplaced fracture of base of neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.044C	Nondisplaced fracture of base of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.045A	Nondisplaced fracture of base of neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.045B	Nondisplaced fracture of base of neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.045C	Nondisplaced fracture of base of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.046A	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.046B	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.046C	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.051A	Unspecified fracture of head of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.051B	Unspecified fracture of head of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.051C	Unspecified fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.052A	Unspecified fracture of head of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.052B	Unspecified fracture of head of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.052C	Unspecified fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.059A	Unspecified fracture of head of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.059B	Unspecified fracture of head of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.059C	Unspecified fracture of head of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.061A	Displaced articular fracture of head of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.061B	Displaced articular fracture of head of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.061C	Displaced articular fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.062A	Displaced articular fracture of head of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.062B	Displaced articular fracture of head of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.062C	Displaced articular fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.063A	Displaced articular fracture of head of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.063B	Displaced articular fracture of head of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.063C	Displaced articular fracture of head of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.064A	Nondisplaced articular fracture of head of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.064B	Nondisplaced articular fracture of head of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.064C	Nondisplaced articular fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.065A	Nondisplaced articular fracture of head of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.065B	Nondisplaced articular fracture of head of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.065C	Nondisplaced articular fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.066A	Nondisplaced articular fracture of head of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.066B	Nondisplaced articular fracture of head of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.066C	Nondisplaced articular fracture of head of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.091A	Other fracture of head and neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.091B	Other fracture of head and neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.091C	Other fracture of head and neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.092A	Other fracture of head and neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.092B	Other fracture of head and neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.092C	Other fracture of head and neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.099A	Other fracture of head and neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.099B	Other fracture of head and neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.099C	Other fracture of head and neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.101A	Unspecified trochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.101B	Unspecified trochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.101C	Unspecified trochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.102A	Unspecified trochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.102B	Unspecified trochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.102C	Unspecified trochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.109A	Unspecified trochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.109B	Unspecified trochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.109C	Unspecified trochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.111A	Displaced fracture of greater trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.111B	Displaced fracture of greater trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.111C	Displaced fracture of greater trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.112A	Displaced fracture of greater trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.112B	Displaced fracture of greater trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.112C	Displaced fracture of greater trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.113A	Displaced fracture of greater trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.113B	Displaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.113C	Displaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.114A	Nondisplaced fracture of greater trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.114B	Nondisplaced fracture of greater trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.114C	Nondisplaced fracture of greater trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.115A	Nondisplaced fracture of greater trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.115B	Nondisplaced fracture of greater trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.115C	Nondisplaced fracture of greater trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.116A	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.116B	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.116C	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.121A	Displaced fracture of lesser trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.121B	Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.121C	Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.122A	Displaced fracture of lesser trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.122B	Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.122C	Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.123A	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.123B	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.123C	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.124A	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.124B	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.124C	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.125A	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.125B	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.125C	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.126A	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.126B	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.126C	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.131A	Displaced apophyseal fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.131B	Displaced apophyseal fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.131C	Displaced apophyseal fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.132A	Displaced apophyseal fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.132B	Displaced apophyseal fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.132C	Displaced apophyseal fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.133A	Displaced apophyseal fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.133B	Displaced apophyseal fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.133C	Displaced apophyseal fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.134A	Nondisplaced apophyseal fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.134B	Nondisplaced apophyseal fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.134C	Nondisplaced apophyseal fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.135A	Nondisplaced apophyseal fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.135B	Nondisplaced apophyseal fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.135C	Nondisplaced apophyseal fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.136A	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.136B	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.136C	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.141A	Displaced intertrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.141B	Displaced intertrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.141C	Displaced intertrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.142A	Displaced intertrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.142B	Displaced intertrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.142C	Displaced intertrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.143A	Displaced intertrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.143B	Displaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.143C	Displaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.144A	Nondisplaced intertrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.144B	Nondisplaced intertrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.144C	Nondisplaced intertrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.145A	Nondisplaced intertrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.145B	Nondisplaced intertrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.145C	Nondisplaced intertrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.146A	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.146B	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.146C	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.21XA	Displaced subtrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.21XB	Displaced subtrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.21XC	Displaced subtrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.22XA	Displaced subtrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.22XB	Displaced subtrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.22XC	Displaced subtrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.23XA	Displaced subtrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.23XB	Displaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.23XC	Displaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.24XA	Nondisplaced subtrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.24XB	Nondisplaced subtrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.24XC	Nondisplaced subtrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.25XA	Nondisplaced subtrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.25XB	Nondisplaced subtrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.25XC	Nondisplaced subtrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.26XA	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.26XB	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.26XC	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S79.001A	Unspecified physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.002A	Unspecified physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.009A	Unspecified physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.011A	Salter-Harris Type I physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.012A	Salter-Harris Type I physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.019A	Salter-Harris Type I physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.091A	Other physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.092A	Other physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.099A	Other physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
78.55	Internal fixation of femur without fracture reduction	Procedure	ICD-9-CM
79.05	Closed reduction of fracture of femur without internal fixation	Procedure	ICD-9-CM
79.15	Closed reduction of fracture of femur with internal fixation	Procedure	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
79.25	Open reduction of fracture of femur without internal fixation	Procedure	ICD-9-CM
79.35	Open reduction of fracture of femur with internal fixation	Procedure	ICD-9-CM
79.65	Debridement of open fracture of femur	Procedure	ICD-9-CM
81.61	360 degree spinal fusion, single incision approach	Procedure	ICD-9-CM
81.62	Fusion or refusion of 2-3 vertebrae	Procedure	ICD-9-CM
0QB60ZZ	Excision of Right Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QB70ZZ	Excision of Left Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QB80ZZ	Excision of Right Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QB90ZZ	Excision of Left Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QBB0ZZ	Excision of Right Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QBC0ZZ	Excision of Left Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QH604Z	Insertion of Internal Fixation Device into Right Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QH606Z	Insertion of Intramedullary Internal Fixation Device into Right Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QH634Z	Insertion of Internal Fixation Device into Right Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QH636Z	Insertion of Intramedullary Internal Fixation Device into Right Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QH644Z	Insertion of Internal Fixation Device into Right Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH646Z	Insertion of Intramedullary Internal Fixation Device into Right Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH704Z	Insertion of Internal Fixation Device into Left Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QH706Z	Insertion of Intramedullary Internal Fixation Device into Left Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QH734Z	Insertion of Internal Fixation Device into Left Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QH736Z	Insertion of Intramedullary Internal Fixation Device into Left Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QH744Z	Insertion of Internal Fixation Device into Left Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH746Z	Insertion of Intramedullary Internal Fixation Device into Left Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH804Z	Insertion of Internal Fixation Device into Right Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QH806Z	Insertion of Intramedullary Internal Fixation Device into Right Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QH834Z	Insertion of Internal Fixation Device into Right Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QH836Z	Insertion of Intramedullary Internal Fixation Device into Right Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
0QH844Z	Insertion of Internal Fixation Device into Right Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH846Z	Insertion of Intramedullary Internal Fixation Device into Right Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH904Z	Insertion of Internal Fixation Device into Left Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QH906Z	Insertion of Intramedullary Internal Fixation Device into Left Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QH934Z	Insertion of Internal Fixation Device into Left Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QH936Z	Insertion of Intramedullary Internal Fixation Device into Left Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QH944Z	Insertion of Internal Fixation Device into Left Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH946Z	Insertion of Intramedullary Internal Fixation Device into Left Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QHB04Z	Insertion of Internal Fixation Device into Right Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QHB06Z	Insertion of Intramedullary Internal Fixation Device into Right Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QHB34Z	Insertion of Internal Fixation Device into Right Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QHB36Z	Insertion of Intramedullary Internal Fixation Device into Right Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QHB44Z	Insertion of Internal Fixation Device into Right Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QHB46Z	Insertion of Intramedullary Internal Fixation Device into Right Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QHC04Z	Insertion of Internal Fixation Device into Left Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QHC06Z	Insertion of Intramedullary Internal Fixation Device into Left Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QHC34Z	Insertion of Internal Fixation Device into Left Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QHC36Z	Insertion of Intramedullary Internal Fixation Device into Left Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QHC44Z	Insertion of Internal Fixation Device into Left Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QHC46Z	Insertion of Intramedullary Internal Fixation Device into Left Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS604Z	Reposition Right Upper Femur with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS605Z	Reposition Right Upper Femur with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS606Z	Reposition Right Upper Femur with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
0QS60BZ	Reposition Right Upper Femur with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS60CZ	Reposition Right Upper Femur with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS60DZ	Reposition Right Upper Femur with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS60ZZ	Reposition Right Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QS634Z	Reposition Right Upper Femur with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS635Z	Reposition Right Upper Femur with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS636Z	Reposition Right Upper Femur with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS63BZ	Reposition Right Upper Femur with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS63CZ	Reposition Right Upper Femur with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS63DZ	Reposition Right Upper Femur with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS63ZZ	Reposition Right Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QS644Z	Reposition Right Upper Femur with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS645Z	Reposition Right Upper Femur with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS646Z	Reposition Right Upper Femur with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS64BZ	Reposition Right Upper Femur with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS64CZ	Reposition Right Upper Femur with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS64DZ	Reposition Right Upper Femur with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS64ZZ	Reposition Right Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS6XZZ	Reposition Right Upper Femur, External Approach	Procedure	ICD-10-PCS
0QS704Z	Reposition Left Upper Femur with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS705Z	Reposition Left Upper Femur with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS706Z	Reposition Left Upper Femur with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS70BZ	Reposition Left Upper Femur with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
00S70CZ	Reposition Left Upper Femur with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
00S70DZ	Reposition Left Upper Femur with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
00S70ZZ	Reposition Left Upper Femur, Open Approach	Procedure	ICD-10-PCS
00S734Z	Reposition Left Upper Femur with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
00S735Z	Reposition Left Upper Femur with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
00S736Z	Reposition Left Upper Femur with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
00S73BZ	Reposition Left Upper Femur with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
00S73CZ	Reposition Left Upper Femur with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
00S73DZ	Reposition Left Upper Femur with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
00S73ZZ	Reposition Left Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
00S744Z	Reposition Left Upper Femur with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S745Z	Reposition Left Upper Femur with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S746Z	Reposition Left Upper Femur with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S74BZ	Reposition Left Upper Femur with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S74CZ	Reposition Left Upper Femur with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S74DZ	Reposition Left Upper Femur with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S74ZZ	Reposition Left Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S7XZZ	Reposition Left Upper Femur, External Approach	Procedure	ICD-10-PCS
00S804Z	Reposition Right Femoral Shaft with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
00S805Z	Reposition Right Femoral Shaft with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
00S806Z	Reposition Right Femoral Shaft with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
00S80BZ	Reposition Right Femoral Shaft with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
00S80CZ	Reposition Right Femoral Shaft with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
00S80DZ	Reposition Right Femoral Shaft with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
00S80ZZ	Reposition Right Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
00S834Z	Reposition Right Femoral Shaft with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
00S835Z	Reposition Right Femoral Shaft with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
00S836Z	Reposition Right Femoral Shaft with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
00S83BZ	Reposition Right Femoral Shaft with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
00S83CZ	Reposition Right Femoral Shaft with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
00S83DZ	Reposition Right Femoral Shaft with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
00S83ZZ	Reposition Right Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
00S844Z	Reposition Right Femoral Shaft with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S845Z	Reposition Right Femoral Shaft with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S846Z	Reposition Right Femoral Shaft with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S84BZ	Reposition Right Femoral Shaft with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S84CZ	Reposition Right Femoral Shaft with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S84DZ	Reposition Right Femoral Shaft with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S84ZZ	Reposition Right Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S8XZZ	Reposition Right Femoral Shaft, External Approach	Procedure	ICD-10-PCS
00S904Z	Reposition Left Femoral Shaft with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
00S905Z	Reposition Left Femoral Shaft with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
00S906Z	Reposition Left Femoral Shaft with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
00S90BZ	Reposition Left Femoral Shaft with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
00S90CZ	Reposition Left Femoral Shaft with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
00S90DZ	Reposition Left Femoral Shaft with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
00S90ZZ	Reposition Left Femoral Shaft, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
00S934Z	Reposition Left Femoral Shaft with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
00S935Z	Reposition Left Femoral Shaft with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
00S936Z	Reposition Left Femoral Shaft with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
00S93BZ	Reposition Left Femoral Shaft with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
00S93CZ	Reposition Left Femoral Shaft with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
00S93DZ	Reposition Left Femoral Shaft with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
00S93ZZ	Reposition Left Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
00S944Z	Reposition Left Femoral Shaft with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S945Z	Reposition Left Femoral Shaft with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S946Z	Reposition Left Femoral Shaft with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S94BZ	Reposition Left Femoral Shaft with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S94CZ	Reposition Left Femoral Shaft with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S94DZ	Reposition Left Femoral Shaft with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S94ZZ	Reposition Left Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
00S9XZZ	Reposition Left Femoral Shaft, External Approach	Procedure	ICD-10-PCS
00SB04Z	Reposition Right Lower Femur with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
00SB05Z	Reposition Right Lower Femur with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
00SB06Z	Reposition Right Lower Femur with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
00SB0BZ	Reposition Right Lower Femur with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
00SB0CZ	Reposition Right Lower Femur with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
00SB0DZ	Reposition Right Lower Femur with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
00SB0ZZ	Reposition Right Lower Femur, Open Approach	Procedure	ICD-10-PCS
00SB34Z	Reposition Right Lower Femur with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
0QSB35Z	Reposition Right Lower Femur with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSB36Z	Reposition Right Lower Femur with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSB3BZ	Reposition Right Lower Femur with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSB3CZ	Reposition Right Lower Femur with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSB3DZ	Reposition Right Lower Femur with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSB3ZZ	Reposition Right Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QSB44Z	Reposition Right Lower Femur with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSB45Z	Reposition Right Lower Femur with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSB46Z	Reposition Right Lower Femur with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSB4BZ	Reposition Right Lower Femur with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSB4CZ	Reposition Right Lower Femur with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSB4DZ	Reposition Right Lower Femur with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSB4ZZ	Reposition Right Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSBXZZ	Reposition Right Lower Femur, External Approach	Procedure	ICD-10-PCS
0QSC04Z	Reposition Left Lower Femur with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSC05Z	Reposition Left Lower Femur with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSC06Z	Reposition Left Lower Femur with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSC0BZ	Reposition Left Lower Femur with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSC0CZ	Reposition Left Lower Femur with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSC0DZ	Reposition Left Lower Femur with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSC0ZZ	Reposition Left Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QSC34Z	Reposition Left Lower Femur with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSC35Z	Reposition Left Lower Femur with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSC36Z	Reposition Left Lower Femur with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
0QSC3BZ	Reposition Left Lower Femur with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSC3CZ	Reposition Left Lower Femur with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSC3DZ	Reposition Left Lower Femur with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QSC3ZZ	Reposition Left Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QSC44Z	Reposition Left Lower Femur with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSC45Z	Reposition Left Lower Femur with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSC46Z	Reposition Left Lower Femur with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSC4BZ	Reposition Left Lower Femur with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSC4CZ	Reposition Left Lower Femur with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSC4DZ	Reposition Left Lower Femur with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSC4ZZ	Reposition Left Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSCXZZ	Reposition Left Lower Femur, External Approach	Procedure	ICD-10-PCS
ORG2070	Fusion of 2 or more Cervical Vertebral Joints with Autologous Tissue Substitute, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG2071	Fusion of 2 or more Cervical Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
ORG207J	Fusion of 2 or more Cervical Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20A0	Fusion of 2 or more Cervical Vertebral Joints with Interbody Fusion Device, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20AJ	Fusion of 2 or more Cervical Vertebral Joints with Interbody Fusion Device, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20J0	Fusion of 2 or more Cervical Vertebral Joints with Synthetic Substitute, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20J1	Fusion of 2 or more Cervical Vertebral Joints with Synthetic Substitute, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20JJ	Fusion of 2 or more Cervical Vertebral Joints with Synthetic Substitute, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20K0	Fusion of 2 or more Cervical Vertebral Joints with Nonautologous Tissue Substitute, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20K1	Fusion of 2 or more Cervical Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
ORG20KJ	Fusion of 2 or more Cervical Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20ZO	Fusion of 2 or more Cervical Vertebral Joints, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20Z1	Fusion of 2 or more Cervical Vertebral Joints, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
ORG20ZJ	Fusion of 2 or more Cervical Vertebral Joints, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG2370	Fusion of 2 or more Cervical Vertebral Joints with Autologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG2371	Fusion of 2 or more Cervical Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG237J	Fusion of 2 or more Cervical Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23A0	Fusion of 2 or more Cervical Vertebral Joints with Interbody Fusion Device, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23AJ	Fusion of 2 or more Cervical Vertebral Joints with Interbody Fusion Device, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23J0	Fusion of 2 or more Cervical Vertebral Joints with Synthetic Substitute, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23J1	Fusion of 2 or more Cervical Vertebral Joints with Synthetic Substitute, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23JJ	Fusion of 2 or more Cervical Vertebral Joints with Synthetic Substitute, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23K0	Fusion of 2 or more Cervical Vertebral Joints with Nonautologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23K1	Fusion of 2 or more Cervical Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23KJ	Fusion of 2 or more Cervical Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23Z0	Fusion of 2 or more Cervical Vertebral Joints, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23Z1	Fusion of 2 or more Cervical Vertebral Joints, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG23ZJ	Fusion of 2 or more Cervical Vertebral Joints, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG2470	Fusion of 2 or more Cervical Vertebral Joints with Autologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
ORG2471	Fusion of 2 or more Cervical Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG247J	Fusion of 2 or more Cervical Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24A0	Fusion of 2 or more Cervical Vertebral Joints with Interbody Fusion Device, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24AJ	Fusion of 2 or more Cervical Vertebral Joints with Interbody Fusion Device, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24J0	Fusion of 2 or more Cervical Vertebral Joints with Synthetic Substitute, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24J1	Fusion of 2 or more Cervical Vertebral Joints with Synthetic Substitute, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24JJ	Fusion of 2 or more Cervical Vertebral Joints with Synthetic Substitute, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24K0	Fusion of 2 or more Cervical Vertebral Joints with Nonautologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24K1	Fusion of 2 or more Cervical Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24KJ	Fusion of 2 or more Cervical Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24Z0	Fusion of 2 or more Cervical Vertebral Joints, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24Z1	Fusion of 2 or more Cervical Vertebral Joints, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG24ZJ	Fusion of 2 or more Cervical Vertebral Joints, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG7070	Fusion of 2 to 7 Thoracic Vertebral Joints with Autologous Tissue Substitute, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG7071	Fusion of 2 to 7 Thoracic Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
ORG707J	Fusion of 2 to 7 Thoracic Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70A0	Fusion of 2 to 7 Thoracic Vertebral Joints with Interbody Fusion Device, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70AJ	Fusion of 2 to 7 Thoracic Vertebral Joints with Interbody Fusion Device, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
ORG70J0	Fusion of 2 to 7 Thoracic Vertebral Joints with Synthetic Substitute, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70J1	Fusion of 2 to 7 Thoracic Vertebral Joints with Synthetic Substitute, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70JJ	Fusion of 2 to 7 Thoracic Vertebral Joints with Synthetic Substitute, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70K0	Fusion of 2 to 7 Thoracic Vertebral Joints with Nonautologous Tissue Substitute, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70K1	Fusion of 2 to 7 Thoracic Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70KJ	Fusion of 2 to 7 Thoracic Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70Z0	Fusion of 2 to 7 Thoracic Vertebral Joints, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70Z1	Fusion of 2 to 7 Thoracic Vertebral Joints, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
ORG70ZJ	Fusion of 2 to 7 Thoracic Vertebral Joints, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
ORG7370	Fusion of 2 to 7 Thoracic Vertebral Joints with Autologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG7371	Fusion of 2 to 7 Thoracic Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG737J	Fusion of 2 to 7 Thoracic Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73A0	Fusion of 2 to 7 Thoracic Vertebral Joints with Interbody Fusion Device, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73AJ	Fusion of 2 to 7 Thoracic Vertebral Joints with Interbody Fusion Device, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73J0	Fusion of 2 to 7 Thoracic Vertebral Joints with Synthetic Substitute, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73J1	Fusion of 2 to 7 Thoracic Vertebral Joints with Synthetic Substitute, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73JJ	Fusion of 2 to 7 Thoracic Vertebral Joints with Synthetic Substitute, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73K0	Fusion of 2 to 7 Thoracic Vertebral Joints with Nonautologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73K1	Fusion of 2 to 7 Thoracic Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73KJ	Fusion of 2 to 7 Thoracic Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
ORG73Z0	Fusion of 2 to 7 Thoracic Vertebral Joints, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73Z1	Fusion of 2 to 7 Thoracic Vertebral Joints, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG73ZJ	Fusion of 2 to 7 Thoracic Vertebral Joints, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
ORG7470	Fusion of 2 to 7 Thoracic Vertebral Joints with Autologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG7471	Fusion of 2 to 7 Thoracic Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG747J	Fusion of 2 to 7 Thoracic Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74A0	Fusion of 2 to 7 Thoracic Vertebral Joints with Interbody Fusion Device, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74AJ	Fusion of 2 to 7 Thoracic Vertebral Joints with Interbody Fusion Device, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74J0	Fusion of 2 to 7 Thoracic Vertebral Joints with Synthetic Substitute, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74J1	Fusion of 2 to 7 Thoracic Vertebral Joints with Synthetic Substitute, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74JJ	Fusion of 2 to 7 Thoracic Vertebral Joints with Synthetic Substitute, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74K0	Fusion of 2 to 7 Thoracic Vertebral Joints with Nonautologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74K1	Fusion of 2 to 7 Thoracic Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74KJ	Fusion of 2 to 7 Thoracic Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74Z0	Fusion of 2 to 7 Thoracic Vertebral Joints, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74Z1	Fusion of 2 to 7 Thoracic Vertebral Joints, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORG74ZJ	Fusion of 2 to 7 Thoracic Vertebral Joints, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OSG1070	Fusion of 2 or more Lumbar Vertebral Joints with Autologous Tissue Substitute, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
OSG1071	Fusion of 2 or more Lumbar Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
0SG107J	Fusion of 2 or more Lumbar Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
0SG10A0	Fusion of 2 or more Lumbar Vertebral Joints with Interbody Fusion Device, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
0SG10AJ	Fusion of 2 or more Lumbar Vertebral Joints with Interbody Fusion Device, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
0SG10J0	Fusion of 2 or more Lumbar Vertebral Joints with Synthetic Substitute, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
0SG10J1	Fusion of 2 or more Lumbar Vertebral Joints with Synthetic Substitute, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
0SG10JJ	Fusion of 2 or more Lumbar Vertebral Joints with Synthetic Substitute, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
0SG10K0	Fusion of 2 or more Lumbar Vertebral Joints with Nonautologous Tissue Substitute, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
0SG10K1	Fusion of 2 or more Lumbar Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
0SG10KJ	Fusion of 2 or more Lumbar Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
0SG10Z0	Fusion of 2 or more Lumbar Vertebral Joints, Anterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
0SG10Z1	Fusion of 2 or more Lumbar Vertebral Joints, Posterior Approach, Posterior Column, Open Approach	Procedure	ICD-10-PCS
0SG10ZJ	Fusion of 2 or more Lumbar Vertebral Joints, Posterior Approach, Anterior Column, Open Approach	Procedure	ICD-10-PCS
0SG1370	Fusion of 2 or more Lumbar Vertebral Joints with Autologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG1371	Fusion of 2 or more Lumbar Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG137J	Fusion of 2 or more Lumbar Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13A0	Fusion of 2 or more Lumbar Vertebral Joints with Interbody Fusion Device, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13AJ	Fusion of 2 or more Lumbar Vertebral Joints with Interbody Fusion Device, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13J0	Fusion of 2 or more Lumbar Vertebral Joints with Synthetic Substitute, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13J1	Fusion of 2 or more Lumbar Vertebral Joints with Synthetic Substitute, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13JJ	Fusion of 2 or more Lumbar Vertebral Joints with Synthetic Substitute, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
0SG13K0	Fusion of 2 or more Lumbar Vertebral Joints with Nonautologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13K1	Fusion of 2 or more Lumbar Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13KJ	Fusion of 2 or more Lumbar Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13Z0	Fusion of 2 or more Lumbar Vertebral Joints, Anterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13Z1	Fusion of 2 or more Lumbar Vertebral Joints, Posterior Approach, Posterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG13ZJ	Fusion of 2 or more Lumbar Vertebral Joints, Posterior Approach, Anterior Column, Percutaneous Approach	Procedure	ICD-10-PCS
0SG1470	Fusion of 2 or more Lumbar Vertebral Joints with Autologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG1471	Fusion of 2 or more Lumbar Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG147J	Fusion of 2 or more Lumbar Vertebral Joints with Autologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14A0	Fusion of 2 or more Lumbar Vertebral Joints with Interbody Fusion Device, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14AJ	Fusion of 2 or more Lumbar Vertebral Joints with Interbody Fusion Device, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14J0	Fusion of 2 or more Lumbar Vertebral Joints with Synthetic Substitute, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14J1	Fusion of 2 or more Lumbar Vertebral Joints with Synthetic Substitute, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14JJ	Fusion of 2 or more Lumbar Vertebral Joints with Synthetic Substitute, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14K0	Fusion of 2 or more Lumbar Vertebral Joints with Nonautologous Tissue Substitute, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14K1	Fusion of 2 or more Lumbar Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14KJ	Fusion of 2 or more Lumbar Vertebral Joints with Nonautologous Tissue Substitute, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
0SG14Z0	Fusion of 2 or more Lumbar Vertebral Joints, Anterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14Z1	Fusion of 2 or more Lumbar Vertebral Joints, Posterior Approach, Posterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SG14ZJ	Fusion of 2 or more Lumbar Vertebral Joints, Posterior Approach, Anterior Column, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
XRG2092	Fusion of 2 or more Cervical Vertebral Joints using Nanotextured Surface Interbody Fusion Device, Open Approach, New Technology Group 2	Procedure	ICD-10-PCS
XRG20F3	Fusion of 2 or more Cervical Vertebral Joints using Radiolucent Porous Interbody Fusion Device, Open Approach, New Technology Group 3	Procedure	ICD-10-PCS
XRG7092	Fusion of 2 to 7 Thoracic Vertebral Joints using Nanotextured Surface Interbody Fusion Device, Open Approach, New Technology Group 2	Procedure	ICD-10-PCS
XRG70F3	Fusion of 2 to 7 Thoracic Vertebral Joints using Radiolucent Porous Interbody Fusion Device, Open Approach, New Technology Group 3	Procedure	ICD-10-PCS
XRGC092	Fusion of 2 or more Lumbar Vertebral Joints using Nanotextured Surface Interbody Fusion Device, Open Approach, New Technology Group 2	Procedure	ICD-10-PCS
XRGC0F3	Fusion of 2 or more Lumbar Vertebral Joints using Radiolucent Porous Interbody Fusion Device, Open Approach, New Technology Group 3	Procedure	ICD-10-PCS
27125	Hemiarthroplasty, hip, partial (eg, femoral stem prosthesis, bipolar arthroplasty)	Procedure	CPT-4
27126	Partial Hip Replacement (hemiarthroplasty); Cup	Procedure	CPT-4
27127	Partial Hip Replacement (hemiarthroplasty); Cup With Acetabuloplasty	Procedure	CPT-4
27130	Arthroplasty, acetabular and proximal femoral prosthetic replacement (total hip arthroplasty), with or without autograft or allograft	Procedure	CPT-4
27131	Arthroplasty, Acetabular And Proximal Femoral	Procedure	CPT-4
27230	Closed treatment of femoral fracture, proximal end, neck; without manipulation	Procedure	CPT-4
27232	Closed treatment of femoral fracture, proximal end, neck; with manipulation, with or without skeletal traction	Procedure	CPT-4
27234	Treatment Of Open Femoral Fracture, Proximal End, Neck, With Uncomplicated Soft Tissue Closure, With Manipulation (including Skeletal Traction)	Procedure	CPT-4
27235	Percutaneous skeletal fixation of femoral fracture, proximal end, neck	Procedure	CPT-4
27236	Open treatment of femoral fracture, proximal end, neck, internal fixation or prosthetic replacement	Procedure	CPT-4
27238	Closed treatment of intertrochanteric, peritrochanteric, or subtrochanteric femoral fracture; without manipulation	Procedure	CPT-4
27240	Closed treatment of intertrochanteric, peritrochanteric, or subtrochanteric femoral fracture; with manipulation, with or without skin or skeletal traction	Procedure	CPT-4
27242	Treatment Of Open Intertrochanteric, Pertrochanteric, Or Subtrochanteric Femoral Fracture, With Uncomplicated Soft Tissue Closure (including Traction)	Procedure	CPT-4

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
27244	Treatment of intertrochanteric, peritrochanteric, or subtrochanteric femoral fracture; with plate/screw type implant, with or without cerclage	Procedure	CPT-4
27246	Closed treatment of greater trochanteric fracture, without manipulation	Procedure	CPT-4
27248	Open treatment of greater trochanteric fracture, includes internal fixation, when performed	Procedure	CPT-4
29010	Application of Risser jacket, localizer, body; only	Procedure	CPT-4
29015	Application of Risser jacket, localizer, body; including head	Procedure	CPT-4
29020	Application of turnbuckle jacket, body; only	Procedure	CPT-4
29025	Application of turnbuckle jacket, body; including head	Procedure	CPT-4
29035	Application of body cast, shoulder to hips;	Procedure	CPT-4
29040	Application of body cast, shoulder to hips; including head, Minerva type	Procedure	CPT-4
29044	Application of body cast, shoulder to hips; including 1 thigh	Procedure	CPT-4
29046	Application of body cast, shoulder to hips; including both thighs	Procedure	CPT-4
29305	Application of hip spica cast; 1 leg	Procedure	CPT-4
29325	Application of hip spica cast; 1 and one-half spica or both legs	Procedure	CPT-4
29345	Application of long leg cast (thigh to toes);	Procedure	CPT-4
29355	Application of long leg cast (thigh to toes); walker or ambulatory type	Procedure	CPT-4
29358	Application of long leg cast brace	Procedure	CPT-4
29365	Application of cylinder cast (thigh to ankle)	Procedure	CPT-4
29505	Application of long leg splint (thigh to ankle or toes)	Procedure	CPT-4
29520	Strapping; hip	Procedure	CPT-4
29799	Unlisted procedure, casting or strapping	Procedure	CPT-4
Radius/Ulna Fracture			
733.12	Pathologic fracture of distal radius and ulna	Diagnosis	ICD-9-CM
813	Fracture of radius and ulna	Diagnosis	ICD-9-CM
813.0	Closed fracture of upper end of radius and ulna	Diagnosis	ICD-9-CM
813.00	Unspecified fracture of radius and ulna, upper end of forearm, closed	Diagnosis	ICD-9-CM
813.01	Closed fracture of olecranon process of ulna	Diagnosis	ICD-9-CM
813.02	Closed fracture of coronoid process of ulna	Diagnosis	ICD-9-CM
813.03	Closed Monteggia's fracture	Diagnosis	ICD-9-CM
813.04	Other and unspecified closed fractures of proximal end of ulna (alone)	Diagnosis	ICD-9-CM
813.05	Closed fracture of head of radius	Diagnosis	ICD-9-CM
813.06	Closed fracture of neck of radius	Diagnosis	ICD-9-CM
813.07	Other and unspecified closed fractures of proximal end of radius (alone)	Diagnosis	ICD-9-CM
813.08	Closed fracture of radius with ulna, upper end (any part)	Diagnosis	ICD-9-CM
813.1	Open fracture of upper end of radius and ulna	Diagnosis	ICD-9-CM
813.10	Unspecified open fracture of upper end of forearm	Diagnosis	ICD-9-CM
813.11	Open fracture of olecranon process of ulna	Diagnosis	ICD-9-CM
813.12	Open fracture of coronoid process of ulna	Diagnosis	ICD-9-CM
813.13	Open Monteggia's fracture	Diagnosis	ICD-9-CM
813.14	Other and unspecified open fractures of proximal end of ulna (alone)	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
813.15	Open fracture of head of radius	Diagnosis	ICD-9-CM
813.16	Open fracture of neck of radius	Diagnosis	ICD-9-CM
813.17	Other and unspecified open fractures of proximal end of radius (alone)	Diagnosis	ICD-9-CM
813.18	Open fracture of radius with ulna, upper end (any part)	Diagnosis	ICD-9-CM
813.2	Closed fracture of shaft of radius and ulna	Diagnosis	ICD-9-CM
813.20	Unspecified closed fracture of shaft of radius or ulna	Diagnosis	ICD-9-CM
813.21	Closed fracture of shaft of radius (alone)	Diagnosis	ICD-9-CM
813.22	Closed fracture of shaft of ulna (alone)	Diagnosis	ICD-9-CM
813.23	Closed fracture of shaft of radius with ulna	Diagnosis	ICD-9-CM
813.3	Open fracture of shaft of radius and ulna	Diagnosis	ICD-9-CM
813.30	Unspecified open fracture of shaft of radius or ulna	Diagnosis	ICD-9-CM
813.31	Open fracture of shaft of radius (alone)	Diagnosis	ICD-9-CM
813.32	Open fracture of shaft of ulna (alone)	Diagnosis	ICD-9-CM
813.33	Open fracture of shaft of radius with ulna	Diagnosis	ICD-9-CM
813.4	Closed fracture of lower end of radius and ulna	Diagnosis	ICD-9-CM
813.40	Unspecified closed fracture of lower end of forearm	Diagnosis	ICD-9-CM
813.41	Closed Colles' fracture	Diagnosis	ICD-9-CM
813.42	Other closed fractures of distal end of radius (alone)	Diagnosis	ICD-9-CM
813.43	Closed fracture of distal end of ulna (alone)	Diagnosis	ICD-9-CM
813.44	Closed fracture of lower end of radius with ulna	Diagnosis	ICD-9-CM
813.45	Torus fracture of radius (alone)	Diagnosis	ICD-9-CM
813.46	Torus fracture of ulna (alone)	Diagnosis	ICD-9-CM
813.47	Torus fracture of radius and ulna	Diagnosis	ICD-9-CM
813.5	Open fracture of lower end of radius and ulna	Diagnosis	ICD-9-CM
813.50	Unspecified open fracture of lower end of forearm	Diagnosis	ICD-9-CM
813.51	Open Colles' fracture	Diagnosis	ICD-9-CM
813.52	Other open fractures of distal end of radius (alone)	Diagnosis	ICD-9-CM
813.53	Open fracture of distal end of ulna (alone)	Diagnosis	ICD-9-CM
813.54	Open fracture of lower end of radius with ulna	Diagnosis	ICD-9-CM
813.8	Closed fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
813.80	Closed fracture of unspecified part of forearm	Diagnosis	ICD-9-CM
813.81	Closed fracture of unspecified part of radius (alone)	Diagnosis	ICD-9-CM
813.82	Closed fracture of unspecified part of ulna (alone)	Diagnosis	ICD-9-CM
813.83	Closed fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
813.9	Open fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
813.90	Open fracture of unspecified part of forearm	Diagnosis	ICD-9-CM
813.91	Open fracture of unspecified part of radius (alone)	Diagnosis	ICD-9-CM
813.92	Open fracture of unspecified part of ulna (alone)	Diagnosis	ICD-9-CM
813.93	Open fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
M80.031A	Age-related osteoporosis with current pathological fracture, right forearm, initial encounter for fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
M80.032A	Age-related osteoporosis with current pathological fracture, left forearm, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.039A	Age-related osteoporosis with current pathological fracture, unspecified forearm, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.831A	Other osteoporosis with current pathological fracture, right forearm, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.832A	Other osteoporosis with current pathological fracture, left forearm, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.839A	Other osteoporosis with current pathological fracture, unspecified forearm, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.431A	Pathological fracture, right ulna, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.432A	Pathological fracture, left ulna, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.433A	Pathological fracture, right radius, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.434A	Pathological fracture, left radius, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.439A	Pathological fracture, unspecified ulna and radius, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.531A	Pathological fracture in neoplastic disease, right ulna, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.532A	Pathological fracture in neoplastic disease, left ulna, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.533A	Pathological fracture in neoplastic disease, right radius, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.534A	Pathological fracture in neoplastic disease, left radius, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.539A	Pathological fracture in neoplastic disease, unspecified ulna and radius, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.631A	Pathological fracture in other disease, right ulna, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.632A	Pathological fracture in other disease, left ulna, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.633A	Pathological fracture in other disease, right radius, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.634A	Pathological fracture in other disease, left radius, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.639A	Pathological fracture in other disease, unspecified ulna and radius, initial encounter for fracture	Diagnosis	ICD-10-CM
S52.001A	Unspecified fracture of upper end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.001B	Unspecified fracture of upper end of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.001C	Unspecified fracture of upper end of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.002A	Unspecified fracture of upper end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.002B	Unspecified fracture of upper end of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.002C	Unspecified fracture of upper end of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.009A	Unspecified fracture of upper end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.009B	Unspecified fracture of upper end of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.009C	Unspecified fracture of upper end of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.011A	Torus fracture of upper end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.012A	Torus fracture of upper end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.019A	Torus fracture of upper end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.021A	Displaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.021B	Displaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.021C	Displaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.022A	Displaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.022B	Displaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.022C	Displaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.023A	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.023B	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.023C	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.024A	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.024B	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.024C	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.025A	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.025B	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.025C	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.026A	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.026B	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.026C	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.031A	Displaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.031B	Displaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.031C	Displaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.032A	Displaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.032B	Displaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.032C	Displaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.033A	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.033B	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.033C	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.034A	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.034B	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.034C	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.035A	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.035B	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.035C	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.036A	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.036B	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.036C	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.041A	Displaced fracture of coronoid process of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.041B	Displaced fracture of coronoid process of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.041C	Displaced fracture of coronoid process of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.042A	Displaced fracture of coronoid process of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.042B	Displaced fracture of coronoid process of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.042C	Displaced fracture of coronoid process of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.043A	Displaced fracture of coronoid process of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.043B	Displaced fracture of coronoid process of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.043C	Displaced fracture of coronoid process of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.044A	Nondisplaced fracture of coronoid process of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.044B	Nondisplaced fracture of coronoid process of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.044C	Nondisplaced fracture of coronoid process of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.045A	Nondisplaced fracture of coronoid process of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.045B	Nondisplaced fracture of coronoid process of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.045C	Nondisplaced fracture of coronoid process of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.046A	Nondisplaced fracture of coronoid process of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.046B	Nondisplaced fracture of coronoid process of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.046C	Nondisplaced fracture of coronoid process of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.091A	Other fracture of upper end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.091B	Other fracture of upper end of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.091C	Other fracture of upper end of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.092A	Other fracture of upper end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.092B	Other fracture of upper end of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.092C	Other fracture of upper end of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.099A	Other fracture of upper end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.099B	Other fracture of upper end of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.099C	Other fracture of upper end of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.101A	Unspecified fracture of upper end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.101B	Unspecified fracture of upper end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.101C	Unspecified fracture of upper end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.102A	Unspecified fracture of upper end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.102B	Unspecified fracture of upper end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.102C	Unspecified fracture of upper end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.109A	Unspecified fracture of upper end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.109B	Unspecified fracture of upper end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.109C	Unspecified fracture of upper end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.111A	Torus fracture of upper end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.112A	Torus fracture of upper end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.119A	Torus fracture of upper end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.121A	Displaced fracture of head of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.121B	Displaced fracture of head of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.121C	Displaced fracture of head of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.122A	Displaced fracture of head of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.122B	Displaced fracture of head of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.122C	Displaced fracture of head of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.123A	Displaced fracture of head of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.123B	Displaced fracture of head of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.123C	Displaced fracture of head of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.124A	Nondisplaced fracture of head of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.124B	Nondisplaced fracture of head of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.124C	Nondisplaced fracture of head of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.125A	Nondisplaced fracture of head of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.125B	Nondisplaced fracture of head of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.125C	Nondisplaced fracture of head of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.126A	Nondisplaced fracture of head of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.126B	Nondisplaced fracture of head of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.126C	Nondisplaced fracture of head of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.131A	Displaced fracture of neck of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.131B	Displaced fracture of neck of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.131C	Displaced fracture of neck of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.132A	Displaced fracture of neck of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.132B	Displaced fracture of neck of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.132C	Displaced fracture of neck of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.133A	Displaced fracture of neck of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.133B	Displaced fracture of neck of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.133C	Displaced fracture of neck of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.134A	Nondisplaced fracture of neck of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.134B	Nondisplaced fracture of neck of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.134C	Nondisplaced fracture of neck of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.135A	Nondisplaced fracture of neck of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.135B	Nondisplaced fracture of neck of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.135C	Nondisplaced fracture of neck of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.136A	Nondisplaced fracture of neck of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.136B	Nondisplaced fracture of neck of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.136C	Nondisplaced fracture of neck of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.181A	Other fracture of upper end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.181B	Other fracture of upper end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.181C	Other fracture of upper end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.182A	Other fracture of upper end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.182B	Other fracture of upper end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.182C	Other fracture of upper end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.189A	Other fracture of upper end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.189B	Other fracture of upper end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.189C	Other fracture of upper end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.201A	Unspecified fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.201B	Unspecified fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.201C	Unspecified fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.202A	Unspecified fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.202B	Unspecified fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.202C	Unspecified fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.209A	Unspecified fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.209B	Unspecified fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.209C	Unspecified fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.211A	Greenstick fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.212A	Greenstick fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.219A	Greenstick fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.221A	Displaced transverse fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.221B	Displaced transverse fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.221C	Displaced transverse fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.222A	Displaced transverse fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.222B	Displaced transverse fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.222C	Displaced transverse fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.223A	Displaced transverse fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.223B	Displaced transverse fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.223C	Displaced transverse fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.224A	Nondisplaced transverse fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.224B	Nondisplaced transverse fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.224C	Nondisplaced transverse fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.225A	Nondisplaced transverse fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.225B	Nondisplaced transverse fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.225C	Nondisplaced transverse fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.226A	Nondisplaced transverse fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.226B	Nondisplaced transverse fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.226C	Nondisplaced transverse fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.231A	Displaced oblique fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.231B	Displaced oblique fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.231C	Displaced oblique fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.232A	Displaced oblique fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.232B	Displaced oblique fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.232C	Displaced oblique fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.233A	Displaced oblique fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.233B	Displaced oblique fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.233C	Displaced oblique fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.234A	Nondisplaced oblique fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.234B	Nondisplaced oblique fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.234C	Nondisplaced oblique fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.235A	Nondisplaced oblique fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.235B	Nondisplaced oblique fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.235C	Nondisplaced oblique fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.236A	Nondisplaced oblique fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.236B	Nondisplaced oblique fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.236C	Nondisplaced oblique fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.241A	Displaced spiral fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.241B	Displaced spiral fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.241C	Displaced spiral fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.242A	Displaced spiral fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.242B	Displaced spiral fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.242C	Displaced spiral fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.243A	Displaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.243B	Displaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.243C	Displaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.244A	Nondisplaced spiral fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.244B	Nondisplaced spiral fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.244C	Nondisplaced spiral fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.245A	Nondisplaced spiral fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.245B	Nondisplaced spiral fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.245C	Nondisplaced spiral fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.246A	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.246B	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.246C	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.251A	Displaced comminuted fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.251B	Displaced comminuted fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.251C	Displaced comminuted fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.252A	Displaced comminuted fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.252B	Displaced comminuted fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.252C	Displaced comminuted fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.253A	Displaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.253B	Displaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.253C	Displaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.254A	Nondisplaced comminuted fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.254B	Nondisplaced comminuted fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.254C	Nondisplaced comminuted fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.255A	Nondisplaced comminuted fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.255B	Nondisplaced comminuted fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.255C	Nondisplaced comminuted fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.256A	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.256B	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.256C	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.261A	Displaced segmental fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.261B	Displaced segmental fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.261C	Displaced segmental fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.262A	Displaced segmental fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.262B	Displaced segmental fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.262C	Displaced segmental fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.263A	Displaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.263B	Displaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.263C	Displaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.264A	Nondisplaced segmental fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.264B	Nondisplaced segmental fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.264C	Nondisplaced segmental fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.265A	Nondisplaced segmental fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.265B	Nondisplaced segmental fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.265C	Nondisplaced segmental fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.266A	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.266B	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.266C	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.271A	Monteggia's fracture of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.271B	Monteggia's fracture of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.271C	Monteggia's fracture of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.272A	Monteggia's fracture of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.272B	Monteggia's fracture of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.272C	Monteggia's fracture of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.279A	Monteggia's fracture of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.279B	Monteggia's fracture of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.279C	Monteggia's fracture of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.281A	Bent bone of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.281B	Bent bone of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.281C	Bent bone of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.282A	Bent bone of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.282B	Bent bone of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.282C	Bent bone of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.283A	Bent bone of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.283B	Bent bone of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.283C	Bent bone of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.291A	Other fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.291B	Other fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.291C	Other fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.292A	Other fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.292B	Other fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.292C	Other fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.299A	Other fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.299B	Other fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.299C	Other fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.301A	Unspecified fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.301B	Unspecified fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.301C	Unspecified fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.302A	Unspecified fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.302B	Unspecified fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.302C	Unspecified fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.309A	Unspecified fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.309B	Unspecified fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.309C	Unspecified fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.311A	Greenstick fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.312A	Greenstick fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.319A	Greenstick fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.321A	Displaced transverse fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.321B	Displaced transverse fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.321C	Displaced transverse fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.322A	Displaced transverse fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.322B	Displaced transverse fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.322C	Displaced transverse fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.323A	Displaced transverse fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.323B	Displaced transverse fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.323C	Displaced transverse fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.324A	Nondisplaced transverse fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.324B	Nondisplaced transverse fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.324C	Nondisplaced transverse fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.325A	Nondisplaced transverse fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.325B	Nondisplaced transverse fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.325C	Nondisplaced transverse fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.326A	Nondisplaced transverse fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.326B	Nondisplaced transverse fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.326C	Nondisplaced transverse fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.331A	Displaced oblique fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.331B	Displaced oblique fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.331C	Displaced oblique fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.332A	Displaced oblique fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.332B	Displaced oblique fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.332C	Displaced oblique fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.333A	Displaced oblique fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.333B	Displaced oblique fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.333C	Displaced oblique fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.334A	Nondisplaced oblique fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.334B	Nondisplaced oblique fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.334C	Nondisplaced oblique fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.335A	Nondisplaced oblique fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.335B	Nondisplaced oblique fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.335C	Nondisplaced oblique fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.336A	Nondisplaced oblique fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.336B	Nondisplaced oblique fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.336C	Nondisplaced oblique fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.341A	Displaced spiral fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.341B	Displaced spiral fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.341C	Displaced spiral fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.342A	Displaced spiral fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.342B	Displaced spiral fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.342C	Displaced spiral fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.343A	Displaced spiral fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.343B	Displaced spiral fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.343C	Displaced spiral fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.344A	Nondisplaced spiral fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.344B	Nondisplaced spiral fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.344C	Nondisplaced spiral fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.345A	Nondisplaced spiral fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.345B	Nondisplaced spiral fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.345C	Nondisplaced spiral fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.346A	Nondisplaced spiral fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.346B	Nondisplaced spiral fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.346C	Nondisplaced spiral fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.351A	Displaced comminuted fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.351B	Displaced comminuted fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.351C	Displaced comminuted fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.352A	Displaced comminuted fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.352B	Displaced comminuted fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.352C	Displaced comminuted fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.353A	Displaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.353B	Displaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.353C	Displaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.354A	Nondisplaced comminuted fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.354B	Nondisplaced comminuted fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.354C	Nondisplaced comminuted fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.355A	Nondisplaced comminuted fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.355B	Nondisplaced comminuted fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.355C	Nondisplaced comminuted fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.356A	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.356B	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.356C	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.361A	Displaced segmental fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.361B	Displaced segmental fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.361C	Displaced segmental fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.362A	Displaced segmental fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.362B	Displaced segmental fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.362C	Displaced segmental fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.363A	Displaced segmental fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.363B	Displaced segmental fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.363C	Displaced segmental fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.364A	Nondisplaced segmental fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.364B	Nondisplaced segmental fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.364C	Nondisplaced segmental fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.365A	Nondisplaced segmental fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.365B	Nondisplaced segmental fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.365C	Nondisplaced segmental fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.366A	Nondisplaced segmental fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.366B	Nondisplaced segmental fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.366C	Nondisplaced segmental fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.371A	Galeazzi's fracture of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.371B	Galeazzi's fracture of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.371C	Galeazzi's fracture of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.372A	Galeazzi's fracture of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.372B	Galeazzi's fracture of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.372C	Galeazzi's fracture of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.379A	Galeazzi's fracture of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.379B	Galeazzi's fracture of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.379C	Galeazzi's fracture of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.381A	Bent bone of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.381B	Bent bone of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.381C	Bent bone of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.382A	Bent bone of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.382B	Bent bone of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.382C	Bent bone of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.389A	Bent bone of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.389B	Bent bone of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.389C	Bent bone of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.391A	Other fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.391B	Other fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.391C	Other fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.392A	Other fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.392B	Other fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.392C	Other fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.399A	Other fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.399B	Other fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.399C	Other fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.501A	Unspecified fracture of the lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.501B	Unspecified fracture of the lower end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.501C	Unspecified fracture of the lower end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.502A	Unspecified fracture of the lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.502B	Unspecified fracture of the lower end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.502C	Unspecified fracture of the lower end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.509A	Unspecified fracture of the lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.509B	Unspecified fracture of the lower end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.509C	Unspecified fracture of the lower end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.511A	Displaced fracture of right radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.511B	Displaced fracture of right radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.511C	Displaced fracture of right radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.512A	Displaced fracture of left radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.512B	Displaced fracture of left radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.512C	Displaced fracture of left radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.513A	Displaced fracture of unspecified radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.513B	Displaced fracture of unspecified radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.513C	Displaced fracture of unspecified radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.514A	Nondisplaced fracture of right radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.514B	Nondisplaced fracture of right radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.514C	Nondisplaced fracture of right radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.515A	Nondisplaced fracture of left radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.515B	Nondisplaced fracture of left radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.515C	Nondisplaced fracture of left radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.516A	Nondisplaced fracture of unspecified radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.516B	Nondisplaced fracture of unspecified radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.516C	Nondisplaced fracture of unspecified radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.521A	Torus fracture of lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.522A	Torus fracture of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.529A	Torus fracture of lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.531A	Colles' fracture of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.531B	Colles' fracture of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.531C	Colles' fracture of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.532A	Colles' fracture of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.532B	Colles' fracture of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.532C	Colles' fracture of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.539A	Colles' fracture of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.539B	Colles' fracture of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.539C	Colles' fracture of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.541A	Smith's fracture of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.541B	Smith's fracture of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.541C	Smith's fracture of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.542A	Smith's fracture of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.542B	Smith's fracture of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.542C	Smith's fracture of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.549A	Smith's fracture of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.549B	Smith's fracture of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.549C	Smith's fracture of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.551A	Other extraarticular fracture of lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.551B	Other extraarticular fracture of lower end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.551C	Other extraarticular fracture of lower end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.552A	Other extraarticular fracture of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.552B	Other extraarticular fracture of lower end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.552C	Other extraarticular fracture of lower end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.559A	Other extraarticular fracture of lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.559B	Other extraarticular fracture of lower end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.559C	Other extraarticular fracture of lower end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.561A	Barton's fracture of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.561B	Barton's fracture of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.561C	Barton's fracture of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.562A	Barton's fracture of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.562B	Barton's fracture of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.562C	Barton's fracture of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.569A	Barton's fracture of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.569B	Barton's fracture of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.569C	Barton's fracture of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.571A	Other intraarticular fracture of lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.571B	Other intraarticular fracture of lower end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.571C	Other intraarticular fracture of lower end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.572A	Other intraarticular fracture of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.572B	Other intraarticular fracture of lower end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.572C	Other intraarticular fracture of lower end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.579A	Other intraarticular fracture of lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.579B	Other intraarticular fracture of lower end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.579C	Other intraarticular fracture of lower end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.591A	Other fractures of lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.591B	Other fractures of lower end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.591C	Other fractures of lower end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.592A	Other fractures of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.592B	Other fractures of lower end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.592C	Other fractures of lower end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.599A	Other fractures of lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.599B	Other fractures of lower end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.599C	Other fractures of lower end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.601A	Unspecified fracture of lower end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.601B	Unspecified fracture of lower end of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.601C	Unspecified fracture of lower end of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.602A	Unspecified fracture of lower end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.602B	Unspecified fracture of lower end of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.602C	Unspecified fracture of lower end of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.609A	Unspecified fracture of lower end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.609B	Unspecified fracture of lower end of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.609C	Unspecified fracture of lower end of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.611A	Displaced fracture of right ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.611B	Displaced fracture of right ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.611C	Displaced fracture of right ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.612A	Displaced fracture of left ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.612B	Displaced fracture of left ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.612C	Displaced fracture of left ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.613A	Displaced fracture of unspecified ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.613B	Displaced fracture of unspecified ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.613C	Displaced fracture of unspecified ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.614A	Nondisplaced fracture of right ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.614B	Nondisplaced fracture of right ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.614C	Nondisplaced fracture of right ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.615A	Nondisplaced fracture of left ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.615B	Nondisplaced fracture of left ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.615C	Nondisplaced fracture of left ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.616A	Nondisplaced fracture of unspecified ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.616B	Nondisplaced fracture of unspecified ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.616C	Nondisplaced fracture of unspecified ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.621A	Torus fracture of lower end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.622A	Torus fracture of lower end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.629A	Torus fracture of lower end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.691A	Other fracture of lower end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.691B	Other fracture of lower end of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.691C	Other fracture of lower end of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.692A	Other fracture of lower end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.692B	Other fracture of lower end of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.692C	Other fracture of lower end of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.699A	Other fracture of lower end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.699B	Other fracture of lower end of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.699C	Other fracture of lower end of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.90XA	Unspecified fracture of unspecified forearm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.90XB	Unspecified fracture of unspecified forearm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.90XC	Unspecified fracture of unspecified forearm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.91XA	Unspecified fracture of right forearm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.91XB	Unspecified fracture of right forearm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.91XC	Unspecified fracture of right forearm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.92XA	Unspecified fracture of left forearm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.92XB	Unspecified fracture of left forearm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.92XC	Unspecified fracture of left forearm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S59.001A	Unspecified physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.002A	Unspecified physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.009A	Unspecified physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.011A	Salter-Harris Type I physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.012A	Salter-Harris Type I physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S59.019A	Salter-Harris Type I physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.021A	Salter-Harris Type II physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.022A	Salter-Harris Type II physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.029A	Salter-Harris Type II physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.031A	Salter-Harris Type III physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.032A	Salter-Harris Type III physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.039A	Salter-Harris Type III physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.041A	Salter-Harris Type IV physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.042A	Salter-Harris Type IV physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.049A	Salter-Harris Type IV physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.091A	Other physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.092A	Other physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.099A	Other physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.101A	Unspecified physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.102A	Unspecified physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.109A	Unspecified physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.111A	Salter-Harris Type I physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.112A	Salter-Harris Type I physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.119A	Salter-Harris Type I physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.121A	Salter-Harris Type II physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S59.122A	Salter-Harris Type II physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.129A	Salter-Harris Type II physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.131A	Salter-Harris Type III physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.132A	Salter-Harris Type III physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.139A	Salter-Harris Type III physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.141A	Salter-Harris Type IV physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.142A	Salter-Harris Type IV physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.149A	Salter-Harris Type IV physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.191A	Other physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.192A	Other physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.199A	Other physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.201A	Unspecified physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.202A	Unspecified physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.209A	Unspecified physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.211A	Salter-Harris Type I physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.212A	Salter-Harris Type I physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.219A	Salter-Harris Type I physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.221A	Salter-Harris Type II physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.222A	Salter-Harris Type II physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.229A	Salter-Harris Type II physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S59.231A	Salter-Harris Type III physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.232A	Salter-Harris Type III physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.239A	Salter-Harris Type III physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.241A	Salter-Harris Type IV physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.242A	Salter-Harris Type IV physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.249A	Salter-Harris Type IV physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.291A	Other physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.292A	Other physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.299A	Other physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
78.53	Internal fixation of radius and ulna without fracture reduction	Procedure	ICD-9-CM
79.02	Closed reduction of fracture of radius and ulna without internal fixation	Procedure	ICD-9-CM
79.12	Closed reduction of fracture of radius and ulna with internal fixation	Procedure	ICD-9-CM
79.22	Open reduction of fracture of radius and ulna without internal fixation	Procedure	ICD-9-CM
79.32	Open reduction of fracture of radius and ulna with internal fixation	Procedure	ICD-9-CM
79.62	Debridement of open fracture of radius and ulna	Procedure	ICD-9-CM
OPBH0ZZ	Excision of Right Radius, Open Approach	Procedure	ICD-10-PCS
OPBJ0ZZ	Excision of Left Radius, Open Approach	Procedure	ICD-10-PCS
OPBK0ZZ	Excision of Right Ulna, Open Approach	Procedure	ICD-10-PCS
OPBL0ZZ	Excision of Left Ulna, Open Approach	Procedure	ICD-10-PCS
OPHH04Z	Insertion of Internal Fixation Device into Right Radius, Open Approach	Procedure	ICD-10-PCS
OPHH06Z	Insertion of Intramedullary Internal Fixation Device into Right Radius, Open Approach	Procedure	ICD-10-PCS
OPHH34Z	Insertion of Internal Fixation Device into Right Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPHH36Z	Insertion of Intramedullary Internal Fixation Device into Right Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPHH44Z	Insertion of Internal Fixation Device into Right Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHH46Z	Insertion of Intramedullary Internal Fixation Device into Right Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHJ04Z	Insertion of Internal Fixation Device into Left Radius, Open Approach	Procedure	ICD-10-PCS
OPHJ06Z	Insertion of Intramedullary Internal Fixation Device into Left Radius, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
OPHJ34Z	Insertion of Internal Fixation Device into Left Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPHJ36Z	Insertion of Intramedullary Internal Fixation Device into Left Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPHJ44Z	Insertion of Internal Fixation Device into Left Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHJ46Z	Insertion of Intramedullary Internal Fixation Device into Left Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHK04Z	Insertion of Internal Fixation Device into Right Ulna, Open Approach	Procedure	ICD-10-PCS
OPHK06Z	Insertion of Intramedullary Internal Fixation Device into Right Ulna, Open Approach	Procedure	ICD-10-PCS
OPHK34Z	Insertion of Internal Fixation Device into Right Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPHK36Z	Insertion of Intramedullary Internal Fixation Device into Right Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPHK44Z	Insertion of Internal Fixation Device into Right Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHK46Z	Insertion of Intramedullary Internal Fixation Device into Right Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHL04Z	Insertion of Internal Fixation Device into Left Ulna, Open Approach	Procedure	ICD-10-PCS
OPHL06Z	Insertion of Intramedullary Internal Fixation Device into Left Ulna, Open Approach	Procedure	ICD-10-PCS
OPHL34Z	Insertion of Internal Fixation Device into Left Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPHL36Z	Insertion of Intramedullary Internal Fixation Device into Left Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPHL44Z	Insertion of Internal Fixation Device into Left Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHL46Z	Insertion of Intramedullary Internal Fixation Device into Left Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSH04Z	Reposition Right Radius with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSH05Z	Reposition Right Radius with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSH06Z	Reposition Right Radius with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSH0BZ	Reposition Right Radius with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSH0CZ	Reposition Right Radius with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSH0DZ	Reposition Right Radius with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSH0ZZ	Reposition Right Radius, Open Approach	Procedure	ICD-10-PCS
OPSH34Z	Reposition Right Radius with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSH35Z	Reposition Right Radius with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSH36Z	Reposition Right Radius with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
OPSH3BZ	Reposition Right Radius with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSH3CZ	Reposition Right Radius with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSH3DZ	Reposition Right Radius with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSH3ZZ	Reposition Right Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPSH44Z	Reposition Right Radius with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSH45Z	Reposition Right Radius with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSH46Z	Reposition Right Radius with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSH4BZ	Reposition Right Radius with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSH4CZ	Reposition Right Radius with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSH4DZ	Reposition Right Radius with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSH4ZZ	Reposition Right Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSHXZZ	Reposition Right Radius, External Approach	Procedure	ICD-10-PCS
OPSJ04Z	Reposition Left Radius with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSJ05Z	Reposition Left Radius with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSJ06Z	Reposition Left Radius with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSJ0BZ	Reposition Left Radius with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSJ0CZ	Reposition Left Radius with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSJ0DZ	Reposition Left Radius with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSJ0ZZ	Reposition Left Radius, Open Approach	Procedure	ICD-10-PCS
OPSJ34Z	Reposition Left Radius with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSJ35Z	Reposition Left Radius with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSJ36Z	Reposition Left Radius with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSJ3BZ	Reposition Left Radius with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSJ3CZ	Reposition Left Radius with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSJ3DZ	Reposition Left Radius with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSJ3ZZ	Reposition Left Radius, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
OPSJ44Z	Reposition Left Radius with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSJ45Z	Reposition Left Radius with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSJ46Z	Reposition Left Radius with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSJ4BZ	Reposition Left Radius with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSJ4CZ	Reposition Left Radius with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSJ4DZ	Reposition Left Radius with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSJ4ZZ	Reposition Left Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSJXZZ	Reposition Left Radius, External Approach	Procedure	ICD-10-PCS
OPSK04Z	Reposition Right Ulna with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSK05Z	Reposition Right Ulna with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSK06Z	Reposition Right Ulna with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSK0BZ	Reposition Right Ulna with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSK0CZ	Reposition Right Ulna with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSK0DZ	Reposition Right Ulna with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSK0ZZ	Reposition Right Ulna, Open Approach	Procedure	ICD-10-PCS
OPSK34Z	Reposition Right Ulna with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSK35Z	Reposition Right Ulna with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSK36Z	Reposition Right Ulna with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSK3BZ	Reposition Right Ulna with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSK3CZ	Reposition Right Ulna with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSK3DZ	Reposition Right Ulna with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSK3ZZ	Reposition Right Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPSK44Z	Reposition Right Ulna with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSK45Z	Reposition Right Ulna with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSK46Z	Reposition Right Ulna with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
OPSK4BZ	Reposition Right Ulna with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSK4CZ	Reposition Right Ulna with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSK4DZ	Reposition Right Ulna with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSK4ZZ	Reposition Right Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSKXZZ	Reposition Right Ulna, External Approach	Procedure	ICD-10-PCS
OPSL04Z	Reposition Left Ulna with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSL05Z	Reposition Left Ulna with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSL06Z	Reposition Left Ulna with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSL0BZ	Reposition Left Ulna with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSL0CZ	Reposition Left Ulna with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSL0DZ	Reposition Left Ulna with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
OPSL0ZZ	Reposition Left Ulna, Open Approach	Procedure	ICD-10-PCS
OPSL34Z	Reposition Left Ulna with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSL35Z	Reposition Left Ulna with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSL36Z	Reposition Left Ulna with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSL3BZ	Reposition Left Ulna with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSL3CZ	Reposition Left Ulna with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSL3DZ	Reposition Left Ulna with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
OPSL3ZZ	Reposition Left Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPSL44Z	Reposition Left Ulna with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSL45Z	Reposition Left Ulna with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSL46Z	Reposition Left Ulna with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSL4BZ	Reposition Left Ulna with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSL4CZ	Reposition Left Ulna with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSL4DZ	Reposition Left Ulna with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSL4ZZ	Reposition Left Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPSLXZZ	Reposition Left Ulna, External Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
24580	Treatment Of Closed Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna And/or Proximal Radius), Treatment With Traction, (pin Or Skin); Without Manipulation	Procedure	CPT-4
24581	Treatment Of Closed Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna And/or Proximal Radius), Treatment With Traction, (pin Or Skin); With Manipulation	Procedure	CPT-4
24583	Treatment Of Open Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna And/or Proximal Radius), With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
24585	Open Treatment Of Closed Or Open Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna/radius), With Or Without Internal Or External Skeletal Fixation;	Procedure	CPT-4
24586	Open treatment of periarticular fracture and/or dislocation of the elbow (fracture distal humerus and proximal ulna and/or proximal radius);	Procedure	CPT-4
24587	Open treatment of periarticular fracture and/or dislocation of the elbow (fracture distal humerus and proximal ulna and/or proximal radius); with implant arthroplasty	Procedure	CPT-4
24588	Open Treatment Of Closed Or Open Comminuted Elbow Fracture (fracture Distal Humerus And/or Proximal Ulna/radius), With Or Without Internal Or External Skeletal Fixation; With Implants And Fascia Lata Ligament Reconstruction	Procedure	CPT-4
24620	Closed treatment of Monteggia type of fracture dislocation at elbow (fracture proximal end of ulna with dislocation of radial head), with manipulation	Procedure	CPT-4
24625	Treatment Of Open Monteggia Type Of Fracture Dislocation At Elbow (fracture Proximal End Of Ulna With Dislocation Of Radial Head), With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
24635	Open treatment of Monteggia type of fracture dislocation at elbow (fracture proximal end of ulna with dislocation of radial head), includes internal fixation, when performed	Procedure	CPT-4
24650	Closed treatment of radial head or neck fracture; without manipulation	Procedure	CPT-4
24655	Closed treatment of radial head or neck fracture; with manipulation	Procedure	CPT-4
24660	Treatment Of Open Radial Head Or Neck Fracture, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
24665	Open treatment of radial head or neck fracture, includes internal fixation or radial head excision, when performed;	Procedure	CPT-4
24666	Open treatment of radial head or neck fracture, includes internal fixation or radial head excision, when performed; with radial head prosthetic replacement	Procedure	CPT-4
24670	Closed treatment of ulnar fracture, proximal end (eg, olecranon or coronoid process[es]); without manipulation	Procedure	CPT-4
24675	Closed treatment of ulnar fracture, proximal end (eg, olecranon or coronoid process[es]); with manipulation	Procedure	CPT-4

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
24680	Treatment Of Open Ulnar Fracture, Proximal End (olecranon Process), With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
24685	Open treatment of ulnar fracture, proximal end (eg, olecranon or coronoid process[es]), includes internal fixation, when performed	Procedure	CPT-4
25500	Closed treatment of radial shaft fracture; without manipulation	Procedure	CPT-4
25505	Closed treatment of radial shaft fracture; with manipulation	Procedure	CPT-4
25510	Treatment Of Open Radial Shaft Fracture, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
25515	Open treatment of radial shaft fracture, includes internal fixation, when performed	Procedure	CPT-4
25530	Closed treatment of ulnar shaft fracture; without manipulation	Procedure	CPT-4
25535	Closed treatment of ulnar shaft fracture; with manipulation	Procedure	CPT-4
25540	Treatment Of Open Ulnar Shaft Fracture, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
25545	Open treatment of ulnar shaft fracture, includes internal fixation, when performed	Procedure	CPT-4
25560	Closed treatment of radial and ulnar shaft fractures; without manipulation	Procedure	CPT-4
25565	Closed treatment of radial and ulnar shaft fractures; with manipulation	Procedure	CPT-4
25570	Treatment Of Open Radial And Ulnar Shaft Fractures, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
25575	Open treatment of radial AND ulnar shaft fractures, with internal fixation, when performed; of radius AND ulna	Procedure	CPT-4
25600	Closed treatment of distal radial fracture (eg, Colles or Smith type) or epiphyseal separation, includes closed treatment of fracture of ulnar styloid, when performed; without manipulation	Procedure	CPT-4
25605	Closed treatment of distal radial fracture (eg, Colles or Smith type) or epiphyseal separation, includes closed treatment of fracture of ulnar styloid, when performed; with manipulation	Procedure	CPT-4
25610	Treatment Of Closed, Complex, Distal Radial Fracture (eg, Colles Or Smith Type) Or Epiphyseal Separation, With Or Without Fracture Of Ulnar Styloid, Requiring Manipulation; Without External Skeletal Fixation Or Percutaneous Pinning	Procedure	CPT-4
25611	Percutaneous skeletal fixation of distal radial fracture (eg, Colles or Smith type) or epiphyseal separation, with or without fracture of ulnar styloid, requiring manipulation, with or without external fixation	Procedure	CPT-4
25615	Treatment Of Open Distal Radial Fracture (eg, Colles Or Smith Type) Or Epiphyseal Separation, With Or Without Fracture Of Ulnar Styloid, With Uncomplicated Soft Tissue Closure	Procedure	CPT-4
25620	Open treatment of distal radial fracture (eg, Colles or Smith type) or epiphyseal separation, with or without fracture of ulnar styloid, with or without internal or external fixation	Procedure	CPT-4
25650	Closed treatment of ulnar styloid fracture	Procedure	CPT-4

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
29065	Application, cast; shoulder to hand (long arm)	Procedure	CPT-4
29075	Application, cast; elbow to finger (short arm)	Procedure	CPT-4
29085	Application, cast; hand and lower forearm (gauntlet)	Procedure	CPT-4
29105	Application of long arm splint (shoulder to hand)	Procedure	CPT-4
29125	Application of short arm splint (forearm to hand); static	Procedure	CPT-4
29126	Application of short arm splint (forearm to hand); dynamic	Procedure	CPT-4
29799	Unlisted procedure, casting or strapping	Procedure	CPT-4
Vertebral Fracture			
733.13	Pathologic fracture of vertebrae	Diagnosis	ICD-9-CM
805	Fracture of vertebral column without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.0	Closed fracture of cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.00	Closed fracture of cervical vertebra, unspecified level without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.01	Closed fracture of first cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.02	Closed fracture of second cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.03	Closed fracture of third cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.04	Closed fracture of fourth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.05	Closed fracture of fifth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.06	Closed fracture of sixth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.07	Closed fracture of seventh cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.08	Closed fracture of multiple cervical vertebrae without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.1	Open fracture of cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.10	Open fracture of cervical vertebra, unspecified level without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.11	Open fracture of first cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.12	Open fracture of second cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.13	Open fracture of third cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.14	Open fracture of fourth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.15	Open fracture of fifth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.16	Open fracture of sixth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.17	Open fracture of seventh cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.18	Open fracture of multiple cervical vertebrae without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.2	Closed fracture of dorsal (thoracic) vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
805.3	Open fracture of dorsal (thoracic) vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.4	Closed fracture of lumbar vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.5	Open fracture of lumbar vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.6	Closed fracture of sacrum and coccyx without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.7	Open fracture of sacrum and coccyx without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.8	Closed fracture of unspecified part of vertebral column without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.9	Open fracture of unspecified part of vertebral column without mention of spinal cord injury	Diagnosis	ICD-9-CM
M48.50XA	Collapsed vertebra, not elsewhere classified, site unspecified, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.51XA	Collapsed vertebra, not elsewhere classified, occipito-atlanto-axial region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.52XA	Collapsed vertebra, not elsewhere classified, cervical region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.53XA	Collapsed vertebra, not elsewhere classified, cervicothoracic region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.54XA	Collapsed vertebra, not elsewhere classified, thoracic region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.55XA	Collapsed vertebra, not elsewhere classified, thoracolumbar region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.56XA	Collapsed vertebra, not elsewhere classified, lumbar region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.57XA	Collapsed vertebra, not elsewhere classified, lumbosacral region, initial encounter for fracture	Diagnosis	ICD-10-CM
M48.58XA	Collapsed vertebra, not elsewhere classified, sacral and sacrococcygeal region, initial encounter for fracture	Diagnosis	ICD-10-CM
M80.08XA	Age-related osteoporosis with current pathological fracture, vertebra(e), initial encounter for fracture	Diagnosis	ICD-10-CM
M80.88XA	Other osteoporosis with current pathological fracture, vertebra(e), initial encounter for fracture	Diagnosis	ICD-10-CM
M84.48XA	Pathological fracture, other site, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.58XA	Pathological fracture in neoplastic disease, other specified site, initial encounter for fracture	Diagnosis	ICD-10-CM
M84.68XA	Pathological fracture in other disease, other site, initial encounter for fracture	Diagnosis	ICD-10-CM
S12.000A	Unspecified displaced fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.000B	Unspecified displaced fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S12.001A	Unspecified nondisplaced fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.001B	Unspecified nondisplaced fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.01XA	Stable burst fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.01XB	Stable burst fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.02XA	Unstable burst fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.02XB	Unstable burst fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.030A	Displaced posterior arch fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.030B	Displaced posterior arch fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.031A	Nondisplaced posterior arch fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.031B	Nondisplaced posterior arch fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.040A	Displaced lateral mass fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.040B	Displaced lateral mass fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.041A	Nondisplaced lateral mass fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.041B	Nondisplaced lateral mass fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.090A	Other displaced fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.090B	Other displaced fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.091A	Other nondisplaced fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.091B	Other nondisplaced fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.100A	Unspecified displaced fracture of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.100B	Unspecified displaced fracture of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S12.101A	Unspecified nondisplaced fracture of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.101B	Unspecified nondisplaced fracture of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.110A	Anterior displaced Type II dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.110B	Anterior displaced Type II dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.111A	Posterior displaced Type II dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.111B	Posterior displaced Type II dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.112A	Nondisplaced Type II dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.112B	Nondisplaced Type II dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.120A	Other displaced dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.120B	Other displaced dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.121A	Other nondisplaced dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.121B	Other nondisplaced dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.130A	Unspecified traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.130B	Unspecified traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.131A	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.131B	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.14XA	Type III traumatic spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.14XB	Type III traumatic spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.150A	Other traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.150B	Other traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.151A	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.151B	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.190A	Other displaced fracture of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.190B	Other displaced fracture of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.191A	Other nondisplaced fracture of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S12.191B	Other nondisplaced fracture of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.200A	Unspecified displaced fracture of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.200B	Unspecified displaced fracture of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.201A	Unspecified nondisplaced fracture of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.201B	Unspecified nondisplaced fracture of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.230A	Unspecified traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.230B	Unspecified traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.231A	Unspecified traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.231B	Unspecified traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.24XA	Type III traumatic spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.24XB	Type III traumatic spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.250A	Other traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.250B	Other traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.251A	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.251B	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.290A	Other displaced fracture of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.290B	Other displaced fracture of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.291A	Other nondisplaced fracture of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.291B	Other nondisplaced fracture of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.300A	Unspecified displaced fracture of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S12.300B	Unspecified displaced fracture of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.301A	Unspecified nondisplaced fracture of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.301B	Unspecified nondisplaced fracture of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.330A	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.330B	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.331A	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.331B	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.34XA	Type III traumatic spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.34XB	Type III traumatic spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.350A	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.350B	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.351A	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.351B	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.390A	Other displaced fracture of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.390B	Other displaced fracture of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.391A	Other nondisplaced fracture of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.391B	Other nondisplaced fracture of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.400A	Unspecified displaced fracture of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.400B	Unspecified displaced fracture of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.401A	Unspecified nondisplaced fracture of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S12.401B	Unspecified nondisplaced fracture of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.430A	Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.430B	Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.431A	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.431B	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.44XA	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.44XB	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.450A	Other traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.450B	Other traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.451A	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.451B	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.490A	Other displaced fracture of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.490B	Other displaced fracture of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.491A	Other nondisplaced fracture of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.491B	Other nondisplaced fracture of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.500A	Unspecified displaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.500B	Unspecified displaced fracture of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.501A	Unspecified nondisplaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.501B	Unspecified nondisplaced fracture of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.530A	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S12.530B	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.531A	Unspecified traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.531B	Unspecified traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.54XA	Type III traumatic spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.54XB	Type III traumatic spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.550A	Other traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.550B	Other traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.551A	Other traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.551B	Other traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.590A	Other displaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.590B	Other displaced fracture of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.591A	Other nondisplaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.591B	Other nondisplaced fracture of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.600A	Unspecified displaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.600B	Unspecified displaced fracture of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.601A	Unspecified nondisplaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.601B	Unspecified nondisplaced fracture of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.630A	Unspecified traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.630B	Unspecified traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.631A	Unspecified traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S12.631B	Unspecified traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.64XA	Type III traumatic spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.64XB	Type III traumatic spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.650A	Other traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.650B	Other traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.651A	Other traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.651B	Other traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.690A	Other displaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.690B	Other displaced fracture of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.691A	Other nondisplaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.691B	Other nondisplaced fracture of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.9XXA	Fracture of neck, unspecified, initial encounter	Diagnosis	ICD-10-CM
S22.000A	Wedge compression fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.000B	Wedge compression fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.001A	Stable burst fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.001B	Stable burst fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.002A	Unstable burst fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.002B	Unstable burst fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.008A	Other fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.008B	Other fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.009A	Unspecified fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S22.009B	Unspecified fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.010A	Wedge compression fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.010B	Wedge compression fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.011A	Stable burst fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.011B	Stable burst fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.012A	Unstable burst fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.012B	Unstable burst fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.018A	Other fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.018B	Other fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.019A	Unspecified fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.019B	Unspecified fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.020A	Wedge compression fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.020B	Wedge compression fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.021A	Stable burst fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.021B	Stable burst fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.022A	Unstable burst fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.022B	Unstable burst fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.028A	Other fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.028B	Other fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.029A	Unspecified fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.029B	Unspecified fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.030A	Wedge compression fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S22.030B	Wedge compression fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.031A	Stable burst fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.031B	Stable burst fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.032A	Unstable burst fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.032B	Unstable burst fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.038A	Other fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.038B	Other fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.039A	Unspecified fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.039B	Unspecified fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.040A	Wedge compression fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.040B	Wedge compression fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.041A	Stable burst fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.041B	Stable burst fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.042A	Unstable burst fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.042B	Unstable burst fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.048A	Other fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.048B	Other fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.049A	Unspecified fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.049B	Unspecified fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.050A	Wedge compression fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.050B	Wedge compression fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.051A	Stable burst fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.051B	Stable burst fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.052A	Unstable burst fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S22.052B	Unstable burst fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.058A	Other fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.058B	Other fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.059A	Unspecified fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.059B	Unspecified fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.060A	Wedge compression fracture of T7-T8 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.060B	Wedge compression fracture of T7-T8 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.061A	Stable burst fracture of T7-T8 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.061B	Stable burst fracture of T7-T8 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.062A	Unstable burst fracture of T7-T8 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.062B	Unstable burst fracture of T7-T8 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.068A	Other fracture of T7-T8 thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.068B	Other fracture of T7-T8 thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.069A	Unspecified fracture of T7-T8 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.069B	Unspecified fracture of T7-T8 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.070A	Wedge compression fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.070B	Wedge compression fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.071A	Stable burst fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.071B	Stable burst fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.072A	Unstable burst fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.072B	Unstable burst fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.078A	Other fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.078B	Other fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.079A	Unspecified fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.079B	Unspecified fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.080A	Wedge compression fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.080B	Wedge compression fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.081A	Stable burst fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.081B	Stable burst fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.082A	Unstable burst fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.082B	Unstable burst fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.088A	Other fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.088B	Other fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.089A	Unspecified fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S22.089B	Unspecified fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.000A	Wedge compression fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.000B	Wedge compression fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.001A	Stable burst fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.001B	Stable burst fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.002A	Unstable burst fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.002B	Unstable burst fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.008A	Other fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.008B	Other fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.009A	Unspecified fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.009B	Unspecified fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.010A	Wedge compression fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.010B	Wedge compression fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.011A	Stable burst fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.011B	Stable burst fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.012A	Unstable burst fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.012B	Unstable burst fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.018A	Other fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.018B	Other fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.019A	Unspecified fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.019B	Unspecified fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.020A	Wedge compression fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S32.020B	Wedge compression fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.021A	Stable burst fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.021B	Stable burst fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.022A	Unstable burst fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.022B	Unstable burst fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.028A	Other fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.028B	Other fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.029A	Unspecified fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.029B	Unspecified fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.030A	Wedge compression fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.030B	Wedge compression fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.031A	Stable burst fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.031B	Stable burst fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.032A	Unstable burst fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.032B	Unstable burst fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.038A	Other fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.038B	Other fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.039A	Unspecified fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.039B	Unspecified fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.040A	Wedge compression fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.040B	Wedge compression fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.041A	Stable burst fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S32.041B	Stable burst fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.042A	Unstable burst fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.042B	Unstable burst fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.048A	Other fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.048B	Other fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.049A	Unspecified fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.049B	Unspecified fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.050A	Wedge compression fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.050B	Wedge compression fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.051A	Stable burst fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.051B	Stable burst fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.052A	Unstable burst fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.052B	Unstable burst fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.058A	Other fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.058B	Other fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.059A	Unspecified fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.059B	Unspecified fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.10XA	Unspecified fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.10XB	Unspecified fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.110A	Nondisplaced Zone I fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.110B	Nondisplaced Zone I fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.111A	Minimally displaced Zone I fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.111B	Minimally displaced Zone I fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.112A	Severely displaced Zone I fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.112B	Severely displaced Zone I fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.119A	Unspecified Zone I fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S32.119B	Unspecified Zone I fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.120A	Nondisplaced Zone II fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.120B	Nondisplaced Zone II fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.121A	Minimally displaced Zone II fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.121B	Minimally displaced Zone II fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.122A	Severely displaced Zone II fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.122B	Severely displaced Zone II fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.129A	Unspecified Zone II fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.129B	Unspecified Zone II fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.130A	Nondisplaced Zone III fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.130B	Nondisplaced Zone III fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.131A	Minimally displaced Zone III fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.131B	Minimally displaced Zone III fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.132A	Severely displaced Zone III fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.132B	Severely displaced Zone III fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.139A	Unspecified Zone III fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.139B	Unspecified Zone III fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.14XA	Type 1 fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.14XB	Type 1 fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.15XA	Type 2 fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.15XB	Type 2 fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.16XA	Type 3 fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.16XB	Type 3 fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.17XA	Type 4 fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.17XB	Type 4 fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.19XA	Other fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.19XB	Other fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.2XXA	Fracture of coccyx, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.2XXB	Fracture of coccyx, initial encounter for open fracture	Diagnosis	ICD-10-CM
Secondary: Any Fracture			
733.1	Pathologic fracture	Diagnosis	ICD-9-CM
800	Fracture of vault of skull	Diagnosis	ICD-9-CM
800.0	Closed fracture of vault of skull without mention of intracranial injury	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
800.00	Closed fracture of vault of skull without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.01	Closed fracture of vault of skull without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
800.02	Closed fracture of vault of skull without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.03	Closed fracture of vault of skull without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.04	Closed fracture of vault of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.05	Closed fracture of vault of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.06	Closed fracture of vault of skull without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.09	Closed fracture of vault of skull without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
800.1	Closed fracture of vault of skull with cerebral laceration and contusion	Diagnosis	ICD-9-CM
800.10	Closed fracture of vault of skull with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.11	Closed fracture of vault of skull with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
800.12	Closed fracture of vault of skull with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.13	Closed fracture of vault of skull with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.14	Closed fracture of vault of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.15	Closed fracture of vault of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.16	Closed fracture of vault of skull with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.19	Closed fracture of vault of skull with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
800.2	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
800.20	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
800.21	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
800.22	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.23	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.24	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.25	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.26	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.29	Closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
800.3	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
800.30	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.31	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
800.32	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.33	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.34	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.35	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.36	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.39	Closed fracture of vault of skull with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
800.4	Closed fracture of vault of skull with intercranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
800.40	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
800.41	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
800.42	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.43	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.44	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.45	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.46	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.49	Closed fracture of vault of skull with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
800.5	Open fracture of vault of skull without mention of intracranial injury	Diagnosis	ICD-9-CM
800.50	Open fracture of vault of skull without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.51	Open fracture of vault of skull without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
800.52	Open fracture of vault of skull without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.53	Open fracture of vault of skull without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.54	Open fracture of vault of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.55	Open fracture of vault of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.56	Open fracture of vault of skull without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.59	Open fracture of vault of skull without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
800.6	Open fracture of vault of skull with cerebral laceration and contusion	Diagnosis	ICD-9-CM
800.60	Open fracture of vault of skull with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.61	Open fracture of vault of skull with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
800.62	Open fracture of vault of skull with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.63	Open fracture of vault of skull with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.64	Open fracture of vault of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.65	Open fracture of vault of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.66	Open fracture of vault of skull with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.69	Open fracture of vault of skull with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
800.7	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
800.70	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.71	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
800.72	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.73	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.74	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.75	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.76	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.79	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
800.8	Open fracture of vault of skull with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
800.80	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.81	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
800.82	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.83	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.84	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.85	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.86	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.89	Open fracture of vault of skull with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
800.9	Open fracture of vault of skull with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
800.90	Open fracture of vault of skull with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
800.91	Open fracture of vault of skull with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
800.92	Open fracture of vault of skull with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
800.93	Open fracture of vault of skull with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
800.94	Open fracture of vault of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.95	Open fracture of vault of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
800.96	Open fracture of vault of skull with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
800.99	Open fracture of vault of skull with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
801	Fracture of base of skull	Diagnosis	ICD-9-CM
801.0	Closed fracture of base of skull without mention of intracranial injury	Diagnosis	ICD-9-CM
801.00	Closed fracture of base of skull without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.01	Closed fracture of base of skull without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
801.02	Closed fracture of base of skull without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.03	Closed fracture of base of skull without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.04	Closed fracture of base of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.05	Closed fracture of base of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.06	Closed fracture of base of skull without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.09	Closed fracture of base of skull without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
801.1	Closed fracture of base of skull with cerebral laceration and contusion	Diagnosis	ICD-9-CM
801.10	Closed fracture of base of skull with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.11	Closed fracture of base of skull with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
801.12	Closed fracture of base of skull with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.13	Closed fracture of base of skull with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.14	Closed fracture of base of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.15	Closed fracture of base of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.16	Closed fracture of base of skull with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.19	Closed fracture of base of skull with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
801.2	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
801.20	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.21	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
801.22	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
801.23	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.24	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.25	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.26	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.29	Closed fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
801.3	Closed fracture of base of skull with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
801.30	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.31	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
801.32	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.33	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.34	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.35	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.36	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.39	Closed fracture of base of skull with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
801.4	Closed fracture of base of skull with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
801.40	Closed fracture of base of skull with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.41	Closed fracture of base of skull with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
801.42	Closed fracture of base of skull with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
801.43	Closed fracture of base of skull with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.44	Closed fracture of base of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.45	Closed fracture of base of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.46	Closed fracture of base of skull with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.49	Closed fracture of base of skull with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
801.5	Open fracture of base of skull without mention of intracranial injury	Diagnosis	ICD-9-CM
801.50	Open fracture of base of skull without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.51	Open fracture of base of skull without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
801.52	Open fracture of base of skull without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.53	Open fracture of base of skull without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.54	Open fracture of base of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.55	Open fracture of base of skull without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.56	Open fracture of base of skull without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.59	Open fracture of base of skull without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
801.6	Open fracture of base of skull with cerebral laceration and contusion	Diagnosis	ICD-9-CM
801.60	Open fracture of base of skull with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.61	Open fracture of base of skull with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
801.62	Open fracture of base of skull with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.63	Open fracture of base of skull with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
801.64	Open fracture of base of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.65	Open fracture of base of skull with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.66	Open fracture of base of skull with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.69	Open fracture of base of skull with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
801.7	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
801.70	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.71	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
801.72	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.73	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.74	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.75	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.76	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.79	Open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
801.8	Open fracture of base of skull with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
801.80	Open fracture of base of skull with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.81	Open fracture of base of skull with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
801.82	Open fracture of base of skull with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.83	Open fracture of base of skull with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
801.84	Open fracture of base of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.85	Open fracture of base of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.86	Open fracture of base of skull with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.89	Open fracture of base of skull with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
801.9	Open fracture of base of skull with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
801.90	Open fracture of base of skull with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
801.91	Open fracture of base of skull with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
801.92	Open fracture of base of skull with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
801.93	Open fracture of base of skull with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
801.94	Open fracture of base of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.95	Open fracture of base of skull with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
801.96	Open fracture of base of skull with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
801.99	Open fracture of base of skull with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
802	Fracture of face bones	Diagnosis	ICD-9-CM
802.0	Nasal bones, closed fracture	Diagnosis	ICD-9-CM
802.1	Nasal bones, open fracture	Diagnosis	ICD-9-CM
802.2	Mandible, closed fracture	Diagnosis	ICD-9-CM
802.20	Closed fracture of unspecified site of mandible	Diagnosis	ICD-9-CM
802.21	Closed fracture of condylar process of mandible	Diagnosis	ICD-9-CM
802.22	Closed fracture of subcondylar process of mandible	Diagnosis	ICD-9-CM
802.23	Closed fracture of coronoid process of mandible	Diagnosis	ICD-9-CM
802.24	Closed fracture of unspecified part of ramus of mandible	Diagnosis	ICD-9-CM
802.25	Closed fracture of angle of jaw	Diagnosis	ICD-9-CM
802.26	Closed fracture of symphysis of body of mandible	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
802.27	Closed fracture of alveolar border of body of mandible	Diagnosis	ICD-9-CM
802.28	Closed fracture of other and unspecified part of body of mandible	Diagnosis	ICD-9-CM
802.29	Closed fracture of multiple sites of mandible	Diagnosis	ICD-9-CM
802.3	Mandible, open fracture	Diagnosis	ICD-9-CM
802.30	Open fracture of unspecified site of mandible	Diagnosis	ICD-9-CM
802.31	Open fracture of condylar process of mandible	Diagnosis	ICD-9-CM
802.32	Open fracture of subcondylar process of mandible	Diagnosis	ICD-9-CM
802.33	Open fracture of coronoid process of mandible	Diagnosis	ICD-9-CM
802.34	Open fracture of unspecified part of ramus of mandible	Diagnosis	ICD-9-CM
802.35	Open fracture of angle of jaw	Diagnosis	ICD-9-CM
802.36	Open fracture of symphysis of body of mandible	Diagnosis	ICD-9-CM
802.37	Open fracture of alveolar border of body of mandible	Diagnosis	ICD-9-CM
802.38	Open fracture of other and unspecified part of body of mandible	Diagnosis	ICD-9-CM
802.39	Open fracture of multiple sites of mandible	Diagnosis	ICD-9-CM
802.4	Malar and maxillary bones, closed fracture	Diagnosis	ICD-9-CM
802.5	Malar and maxillary bones, open fracture	Diagnosis	ICD-9-CM
802.6	Orbital floor (blow-out), closed fracture	Diagnosis	ICD-9-CM
802.7	Orbital floor (blow-out), open fracture	Diagnosis	ICD-9-CM
802.8	Other facial bones, closed fracture	Diagnosis	ICD-9-CM
802.9	Other facial bones, open fracture	Diagnosis	ICD-9-CM
803	Other and unqualified skull fractures	Diagnosis	ICD-9-CM
803.0	Other closed skull fracture without mention of intracranial injury	Diagnosis	ICD-9-CM
803.00	Other closed skull fracture without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.01	Other closed skull fracture without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
803.02	Other closed skull fracture without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.03	Other closed skull fracture without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.04	Other closed skull fracture without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.05	Other closed skull fracture without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.06	Other closed skull fracture without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.09	Other closed skull fracture without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
803.1	Other closed skull fracture with cerebral laceration and contusion	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
803.10	Other closed skull fracture with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.11	Other closed skull fracture with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
803.12	Other closed skull fracture with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.13	Other closed skull fracture with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.14	Other closed skull fracture with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.15	Other closed skull fracture with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.16	Other closed skull fracture with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.19	Other closed skull fracture with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
803.2	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
803.20	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.21	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
803.22	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.23	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.24	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.25	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.26	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.29	Other closed skull fracture with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
803.3	Closed skull fracture with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
803.30	Other closed skull fracture with other and unspecified intracranial hemorrhage, unspecified state of unconsciousness	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
803.31	Other closed skull fracture with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
803.32	Other closed skull fracture with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.33	Other closed skull fracture with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.34	Other closed skull fracture with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.35	Other closed skull fracture with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.36	Other closed skull fracture with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.39	Other closed skull fracture with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
803.4	Other closed skull fracture with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
803.40	Other closed skull fracture with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.41	Other closed skull fracture with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
803.42	Other closed skull fracture with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.43	Other closed skull fracture with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.44	Other closed skull fracture with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.45	Other closed skull fracture with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.46	Other closed skull fracture with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.49	Other closed skull fracture with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
803.5	Other open skull fracture without mention of intracranial injury	Diagnosis	ICD-9-CM
803.50	Other open skull fracture without mention of injury, state of consciousness unspecified	Diagnosis	ICD-9-CM
803.51	Other open skull fracture without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
803.52	Other open skull fracture without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.53	Other open skull fracture without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.54	Other open skull fracture without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.55	Other open skull fracture without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.56	Other open skull fracture without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.59	Other open skull fracture without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
803.6	Other open skull fracture with cerebral laceration and contusion	Diagnosis	ICD-9-CM
803.60	Other open skull fracture with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.61	Other open skull fracture with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
803.62	Other open skull fracture with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.63	Other open skull fracture with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.64	Other open skull fracture with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.65	Other open skull fracture with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.66	Other open skull fracture with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.69	Other open skull fracture with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
803.7	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
803.70	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.71	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
803.72	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
803.73	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.74	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.75	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.76	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.79	Other open skull fracture with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
803.8	Other open skull fracture with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
803.80	Other open skull fracture with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.81	Other open skull fracture with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
803.82	Other open skull fracture with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.83	Other open skull fracture with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
803.84	Other open skull fracture with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.85	Other open skull fracture with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.86	Other open skull fracture with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.89	Other open skull fracture with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
803.9	Other open skull fracture with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
803.90	Other open skull fracture with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
803.91	Other open skull fracture with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
803.92	Other open skull fracture with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
803.93	Other open skull fracture with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
803.94	Other open skull fracture with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.95	Other open skull fracture with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
803.96	Other open skull fracture with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
803.99	Other open skull fracture with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
804	Multiple fractures involving skull or face with other bones	Diagnosis	ICD-9-CM
804.0	Closed fractures involving skull or face with other bones, without mention of intracranial injury	Diagnosis	ICD-9-CM
804.00	Closed fractures involving skull or face with other bones, without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.01	Closed fractures involving skull or face with other bones, without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
804.02	Closed fractures involving skull or face with other bones, without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.03	Closed fractures involving skull or face with other bones, without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.04	Closed fractures involving skull or face with other bones, without mention or intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.05	Closed fractures involving skull of face with other bones, without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.06	Closed fractures involving skull of face with other bones, without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.09	Closed fractures involving skull of face with other bones, without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
804.1	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion	Diagnosis	ICD-9-CM
804.10	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.11	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
804.12	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.13	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
804.14	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.15	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.16	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.19	Closed fractures involving skull or face with other bones, with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM
804.2	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
804.20	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.21	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
804.22	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.23	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.24	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.25	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.26	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.29	Closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
804.3	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
804.30	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.31	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
804.32	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.33	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.34	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to preexisting conscious level	Diagnosis	ICD-9-CM
804.35	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.36	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.39	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
804.4	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
804.40	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.41	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
804.42	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.43	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.44	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.45	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.46	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.49	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
804.5	Open fractures involving skull or face with other bones, without mention of intracranial injury	Diagnosis	ICD-9-CM
804.50	Open fractures involving skull or face with other bones, without mention of intracranial injury, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.51	Open fractures involving skull or face with other bones, without mention of intracranial injury, no loss of consciousness	Diagnosis	ICD-9-CM
804.52	Open fractures involving skull or face with other bones, without mention of intracranial injury, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.53	Open fractures involving skull or face with other bones, without mention of intracranial injury, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.54	Open fractures involving skull or face with other bones, without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.55	Open fractures involving skull or face with other bones, without mention of intracranial injury, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.56	Open fractures involving skull or face with other bones, without mention of intracranial injury, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.59	Open fractures involving skull or face with other bones, without mention of intracranial injury, unspecified concussion	Diagnosis	ICD-9-CM
804.6	Open fractures involving skull or face with other bones, with cerebral laceration and contusion	Diagnosis	ICD-9-CM
804.60	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.61	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, no loss of consciousness	Diagnosis	ICD-9-CM
804.62	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.63	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.64	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.65	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.66	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.69	Open fractures involving skull or face with other bones, with cerebral laceration and contusion, unspecified concussion	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
804.7	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage	Diagnosis	ICD-9-CM
804.70	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.71	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
804.72	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.73	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.74	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.75	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.76	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.79	Open fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
804.8	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
804.80	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.81	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
804.82	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.83	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.84	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.85	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
804.86	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.89	Open fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD-9-CM
804.9	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature	Diagnosis	ICD-9-CM
804.90	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, unspecified state of consciousness	Diagnosis	ICD-9-CM
804.91	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, no loss of consciousness	Diagnosis	ICD-9-CM
804.92	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, brief (less than one hour) loss of consciousness	Diagnosis	ICD-9-CM
804.93	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
804.94	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious level	Diagnosis	ICD-9-CM
804.95	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, prolonged (more than 24 hours) loss of consciousness, without return to pre-existing level	Diagnosis	ICD-9-CM
804.96	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, loss of consciousness of unspecified duration	Diagnosis	ICD-9-CM
804.99	Open fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, unspecified concussion	Diagnosis	ICD-9-CM
805	Fracture of vertebral column without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.0	Closed fracture of cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.00	Closed fracture of cervical vertebra, unspecified level without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.01	Closed fracture of first cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.02	Closed fracture of second cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.03	Closed fracture of third cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.04	Closed fracture of fourth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.05	Closed fracture of fifth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.06	Closed fracture of sixth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.07	Closed fracture of seventh cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
805.08	Closed fracture of multiple cervical vertebrae without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.1	Open fracture of cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.10	Open fracture of cervical vertebra, unspecified level without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.11	Open fracture of first cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.12	Open fracture of second cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.13	Open fracture of third cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.14	Open fracture of fourth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.15	Open fracture of fifth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.16	Open fracture of sixth cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.17	Open fracture of seventh cervical vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.18	Open fracture of multiple cervical vertebrae without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.2	Closed fracture of dorsal (thoracic) vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.3	Open fracture of dorsal (thoracic) vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.4	Closed fracture of lumbar vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.5	Open fracture of lumbar vertebra without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.6	Closed fracture of sacrum and coccyx without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.7	Open fracture of sacrum and coccyx without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.8	Closed fracture of unspecified part of vertebral column without mention of spinal cord injury	Diagnosis	ICD-9-CM
805.9	Open fracture of unspecified part of vertebral column without mention of spinal cord injury	Diagnosis	ICD-9-CM
806	Fracture of vertebral column with spinal cord injury	Diagnosis	ICD-9-CM
806.0	Closed fracture of cervical vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.00	Closed fracture of C1-C4 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.01	Closed fracture of C1-C4 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.02	Closed fracture of C1-C4 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.03	Closed fracture of C1-C4 level with central cord syndrome	Diagnosis	ICD-9-CM
806.04	Closed fracture of C1-C4 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.05	Closed fracture of C5-C7 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.06	Closed fracture of C5-C7 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.07	Closed fracture of C5-C7 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.08	Closed fracture of C5-C7 level with central cord syndrome	Diagnosis	ICD-9-CM
806.09	Closed fracture of C5-C7 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.1	Open fracture of cervical vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.10	Open fracture of C1-C4 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
806.11	Open fracture of C1-C4 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.12	Open fracture of C1-C4 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.13	Open fracture of C1-C4 level with central cord syndrome	Diagnosis	ICD-9-CM
806.14	Open fracture of C1-C4 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.15	Open fracture of C5-C7 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.16	Open fracture of C5-C7 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.17	Open fracture of C5-C7 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.18	Open fracture of C5-C7 level with central cord syndrome	Diagnosis	ICD-9-CM
806.19	Open fracture of C5-C7 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.2	Closed fracture of dorsal (thoracic) vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.20	Closed fracture of T1-T6 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.21	Closed fracture of T1-T6 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.22	Closed fracture of T1-T6 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.23	Closed fracture of T1-T6 level with central cord syndrome	Diagnosis	ICD-9-CM
806.24	Closed fracture of T1-T6 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.25	Closed fracture of T7-T12 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.26	Closed fracture of T7-T12 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.27	Closed fracture of T7-T12 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.28	Closed fracture of T7-T12 level with central cord syndrome	Diagnosis	ICD-9-CM
806.29	Closed fracture of T7-T12 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.3	Open fracture of dorsal vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.30	Open fracture of T1-T6 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.31	Open fracture of T1-T6 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.32	Open fracture of T1-T6 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.33	Open fracture of T1-T6 level with central cord syndrome	Diagnosis	ICD-9-CM
806.34	Open fracture of T1-T6 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.35	Open fracture of T7-T12 level with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.36	Open fracture of T7-T12 level with complete lesion of cord	Diagnosis	ICD-9-CM
806.37	Open fracture of T7-T12 level with anterior cord syndrome	Diagnosis	ICD-9-CM
806.38	Open fracture of T7-T12 level with central cord syndrome	Diagnosis	ICD-9-CM
806.39	Open fracture of T7-T12 level with other specified spinal cord injury	Diagnosis	ICD-9-CM
806.4	Closed fracture of lumbar spine with spinal cord injury	Diagnosis	ICD-9-CM
806.5	Open fracture of lumbar spine with spinal cord injury	Diagnosis	ICD-9-CM
806.6	Closed fracture of sacrum and coccyx with spinal cord injury	Diagnosis	ICD-9-CM
806.60	Closed fracture of sacrum and coccyx with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.61	Closed fracture of sacrum and coccyx with complete cauda equina lesion	Diagnosis	ICD-9-CM
806.62	Closed fracture of sacrum and coccyx with other cauda equina injury	Diagnosis	ICD-9-CM
806.69	Closed fracture of sacrum and coccyx with other spinal cord injury	Diagnosis	ICD-9-CM
806.7	Open fracture of sacrum and coccyx with spinal cord injury	Diagnosis	ICD-9-CM
806.70	Open fracture of sacrum and coccyx with unspecified spinal cord injury	Diagnosis	ICD-9-CM
806.71	Open fracture of sacrum and coccyx with complete cauda equina lesion	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
806.72	Open fracture of sacrum and coccyx with other cauda equina injury	Diagnosis	ICD-9-CM
806.79	Open fracture of sacrum and coccyx with other spinal cord injury	Diagnosis	ICD-9-CM
806.8	Closed fracture of unspecified vertebra with spinal cord injury	Diagnosis	ICD-9-CM
806.9	Open fracture of unspecified vertebra with spinal cord injury	Diagnosis	ICD-9-CM
807	Fracture of rib(s), sternum, larynx, and trachea	Diagnosis	ICD-9-CM
807.0	Closed fracture of rib(s)	Diagnosis	ICD-9-CM
807.00	Closed fracture of rib(s), unspecified	Diagnosis	ICD-9-CM
807.01	Closed fracture of one rib	Diagnosis	ICD-9-CM
807.02	Closed fracture of two ribs	Diagnosis	ICD-9-CM
807.03	Closed fracture of three ribs	Diagnosis	ICD-9-CM
807.04	Closed fracture of four ribs	Diagnosis	ICD-9-CM
807.05	Closed fracture of five ribs	Diagnosis	ICD-9-CM
807.06	Closed fracture of six ribs	Diagnosis	ICD-9-CM
807.07	Closed fracture of seven ribs	Diagnosis	ICD-9-CM
807.08	Closed fracture of eight or more ribs	Diagnosis	ICD-9-CM
807.09	Closed fracture of multiple ribs, unspecified	Diagnosis	ICD-9-CM
807.1	Open fracture of rib(s)	Diagnosis	ICD-9-CM
807.10	Open fracture of rib(s), unspecified	Diagnosis	ICD-9-CM
807.11	Open fracture of one rib	Diagnosis	ICD-9-CM
807.12	Open fracture of two ribs	Diagnosis	ICD-9-CM
807.13	Open fracture of three ribs	Diagnosis	ICD-9-CM
807.14	Open fracture of four ribs	Diagnosis	ICD-9-CM
807.15	Open fracture of five ribs	Diagnosis	ICD-9-CM
807.16	Open fracture of six ribs	Diagnosis	ICD-9-CM
807.17	Open fracture of seven ribs	Diagnosis	ICD-9-CM
807.18	Open fracture of eight or more ribs	Diagnosis	ICD-9-CM
807.19	Open fracture of multiple ribs, unspecified	Diagnosis	ICD-9-CM
807.2	Closed fracture of sternum	Diagnosis	ICD-9-CM
807.3	Open fracture of sternum	Diagnosis	ICD-9-CM
807.4	Flail chest	Diagnosis	ICD-9-CM
807.5	Closed fracture of larynx and trachea	Diagnosis	ICD-9-CM
807.6	Open fracture of larynx and trachea	Diagnosis	ICD-9-CM
808	Fracture of pelvis	Diagnosis	ICD-9-CM
808.0	Closed fracture of acetabulum	Diagnosis	ICD-9-CM
808.1	Open fracture of acetabulum	Diagnosis	ICD-9-CM
808.2	Closed fracture of pubis	Diagnosis	ICD-9-CM
808.3	Open fracture of pubis	Diagnosis	ICD-9-CM
808.4	Closed fracture of other specified part of pelvis	Diagnosis	ICD-9-CM
808.41	Closed fracture of ilium	Diagnosis	ICD-9-CM
808.42	Closed fracture of ischium	Diagnosis	ICD-9-CM
808.43	Multiple closed pelvic fractures with disruption of pelvic circle	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
808.44	Multiple closed pelvic fractures without disruption of pelvic circle	Diagnosis	ICD-9-CM
808.49	Closed fracture of other specified part of pelvis	Diagnosis	ICD-9-CM
808.5	Open fracture of other specified part of pelvis	Diagnosis	ICD-9-CM
808.51	Open fracture of ilium	Diagnosis	ICD-9-CM
808.52	Open fracture of ischium	Diagnosis	ICD-9-CM
808.53	Multiple open pelvic fractures with disruption of pelvic circle	Diagnosis	ICD-9-CM
808.54	Multiple open pelvic fractures without disruption of pelvic circle	Diagnosis	ICD-9-CM
808.59	Open fracture of other specified part of pelvis	Diagnosis	ICD-9-CM
808.8	Unspecified closed fracture of pelvis	Diagnosis	ICD-9-CM
808.9	Unspecified open fracture of pelvis	Diagnosis	ICD-9-CM
809	Ill-defined fractures of bones of trunk	Diagnosis	ICD-9-CM
809.0	Fracture of bones of trunk, closed	Diagnosis	ICD-9-CM
809.1	Fracture of bones of trunk, open	Diagnosis	ICD-9-CM
810	Fracture of clavicle	Diagnosis	ICD-9-CM
810.0	Closed fracture of clavicle	Diagnosis	ICD-9-CM
810.00	Unspecified part of closed fracture of clavicle	Diagnosis	ICD-9-CM
810.01	Closed fracture of sternal end of clavicle	Diagnosis	ICD-9-CM
810.02	Closed fracture of shaft of clavicle	Diagnosis	ICD-9-CM
810.03	Closed fracture of acromial end of clavicle	Diagnosis	ICD-9-CM
810.1	Open fracture of clavicle	Diagnosis	ICD-9-CM
810.10	Unspecified part of open fracture of clavicle	Diagnosis	ICD-9-CM
810.11	Open fracture of sternal end of clavicle	Diagnosis	ICD-9-CM
810.12	Open fracture of shaft of clavicle	Diagnosis	ICD-9-CM
810.13	Open fracture of acromial end of clavicle	Diagnosis	ICD-9-CM
811	Fracture of scapula	Diagnosis	ICD-9-CM
811.0	Closed fracture of scapula	Diagnosis	ICD-9-CM
811.00	Closed fracture of unspecified part of scapula	Diagnosis	ICD-9-CM
811.01	Closed fracture of acromial process of scapula	Diagnosis	ICD-9-CM
811.02	Closed fracture of coracoid process of scapula	Diagnosis	ICD-9-CM
811.03	Closed fracture of glenoid cavity and neck of scapula	Diagnosis	ICD-9-CM
811.09	Closed fracture of other part of scapula	Diagnosis	ICD-9-CM
811.1	Open fracture of scapula	Diagnosis	ICD-9-CM
811.10	Open fracture of unspecified part of scapula	Diagnosis	ICD-9-CM
811.11	Open fracture of acromial process of scapula	Diagnosis	ICD-9-CM
811.12	Open fracture of coracoid process	Diagnosis	ICD-9-CM
811.13	Open fracture of glenoid cavity and neck of scapula	Diagnosis	ICD-9-CM
811.19	Open fracture of other part of scapula	Diagnosis	ICD-9-CM
812	Fracture of humerus	Diagnosis	ICD-9-CM
812.0	Closed fracture of upper end of humerus	Diagnosis	ICD-9-CM
812.00	Closed fracture of unspecified part of upper end of humerus	Diagnosis	ICD-9-CM
812.01	Closed fracture of surgical neck of humerus	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
812.02	Closed fracture of anatomical neck of humerus	Diagnosis	ICD-9-CM
812.03	Closed fracture of greater tuberosity of humerus	Diagnosis	ICD-9-CM
812.09	Other closed fractures of upper end of humerus	Diagnosis	ICD-9-CM
812.1	Open fracture of upper end of humerus	Diagnosis	ICD-9-CM
812.10	Open fracture of unspecified part of upper end of humerus	Diagnosis	ICD-9-CM
812.11	Open fracture of surgical neck of humerus	Diagnosis	ICD-9-CM
812.12	Open fracture of anatomical neck of humerus	Diagnosis	ICD-9-CM
812.13	Open fracture of greater tuberosity of humerus	Diagnosis	ICD-9-CM
812.19	Other open fracture of upper end of humerus	Diagnosis	ICD-9-CM
812.2	Closed fracture of shaft or unspecified part of humerus	Diagnosis	ICD-9-CM
812.20	Closed fracture of unspecified part of humerus	Diagnosis	ICD-9-CM
812.21	Closed fracture of shaft of humerus	Diagnosis	ICD-9-CM
812.3	Open fracture of shaft or unspecified part of humerus	Diagnosis	ICD-9-CM
812.30	Open fracture of unspecified part of humerus	Diagnosis	ICD-9-CM
812.31	Open fracture of shaft of humerus	Diagnosis	ICD-9-CM
812.4	Closed fracture of lower end of humerus	Diagnosis	ICD-9-CM
812.40	Closed fracture of unspecified part of lower end of humerus	Diagnosis	ICD-9-CM
812.41	Closed fracture of supracondylar humerus	Diagnosis	ICD-9-CM
812.42	Closed fracture of lateral condyle of humerus	Diagnosis	ICD-9-CM
812.43	Closed fracture of medial condyle of humerus	Diagnosis	ICD-9-CM
812.44	Closed fracture of unspecified condyle(s) of humerus	Diagnosis	ICD-9-CM
812.49	Other closed fracture of lower end of humerus	Diagnosis	ICD-9-CM
812.5	Open fracture of lower end of humerus	Diagnosis	ICD-9-CM
812.50	Open fracture of unspecified part of lower end of humerus	Diagnosis	ICD-9-CM
812.51	Open fracture of supracondylar humerus	Diagnosis	ICD-9-CM
812.52	Open fracture of lateral condyle of humerus	Diagnosis	ICD-9-CM
812.53	Open fracture of medial condyle of humerus	Diagnosis	ICD-9-CM
812.54	Open fracture of unspecified condyle(s) of humerus	Diagnosis	ICD-9-CM
812.59	Other open fracture of lower end of humerus	Diagnosis	ICD-9-CM
813	Fracture of radius and ulna	Diagnosis	ICD-9-CM
813.0	Closed fracture of upper end of radius and ulna	Diagnosis	ICD-9-CM
813.00	Unspecified fracture of radius and ulna, upper end of forearm, closed	Diagnosis	ICD-9-CM
813.01	Closed fracture of olecranon process of ulna	Diagnosis	ICD-9-CM
813.02	Closed fracture of coronoid process of ulna	Diagnosis	ICD-9-CM
813.03	Closed Monteggia's fracture	Diagnosis	ICD-9-CM
813.04	Other and unspecified closed fractures of proximal end of ulna (alone)	Diagnosis	ICD-9-CM
813.05	Closed fracture of head of radius	Diagnosis	ICD-9-CM
813.06	Closed fracture of neck of radius	Diagnosis	ICD-9-CM
813.07	Other and unspecified closed fractures of proximal end of radius (alone)	Diagnosis	ICD-9-CM
813.08	Closed fracture of radius with ulna, upper end (any part)	Diagnosis	ICD-9-CM
813.1	Open fracture of upper end of radius and ulna	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
813.10	Unspecified open fracture of upper end of forearm	Diagnosis	ICD-9-CM
813.11	Open fracture of olecranon process of ulna	Diagnosis	ICD-9-CM
813.12	Open fracture of coronoid process of ulna	Diagnosis	ICD-9-CM
813.13	Open Monteggia's fracture	Diagnosis	ICD-9-CM
813.14	Other and unspecified open fractures of proximal end of ulna (alone)	Diagnosis	ICD-9-CM
813.15	Open fracture of head of radius	Diagnosis	ICD-9-CM
813.16	Open fracture of neck of radius	Diagnosis	ICD-9-CM
813.17	Other and unspecified open fractures of proximal end of radius (alone)	Diagnosis	ICD-9-CM
813.18	Open fracture of radius with ulna, upper end (any part)	Diagnosis	ICD-9-CM
813.2	Closed fracture of shaft of radius and ulna	Diagnosis	ICD-9-CM
813.20	Unspecified closed fracture of shaft of radius or ulna	Diagnosis	ICD-9-CM
813.21	Closed fracture of shaft of radius (alone)	Diagnosis	ICD-9-CM
813.22	Closed fracture of shaft of ulna (alone)	Diagnosis	ICD-9-CM
813.23	Closed fracture of shaft of radius with ulna	Diagnosis	ICD-9-CM
813.3	Open fracture of shaft of radius and ulna	Diagnosis	ICD-9-CM
813.30	Unspecified open fracture of shaft of radius or ulna	Diagnosis	ICD-9-CM
813.31	Open fracture of shaft of radius (alone)	Diagnosis	ICD-9-CM
813.32	Open fracture of shaft of ulna (alone)	Diagnosis	ICD-9-CM
813.33	Open fracture of shaft of radius with ulna	Diagnosis	ICD-9-CM
813.4	Closed fracture of lower end of radius and ulna	Diagnosis	ICD-9-CM
813.40	Unspecified closed fracture of lower end of forearm	Diagnosis	ICD-9-CM
813.41	Closed Colles' fracture	Diagnosis	ICD-9-CM
813.42	Other closed fractures of distal end of radius (alone)	Diagnosis	ICD-9-CM
813.43	Closed fracture of distal end of ulna (alone)	Diagnosis	ICD-9-CM
813.44	Closed fracture of lower end of radius with ulna	Diagnosis	ICD-9-CM
813.45	Torus fracture of radius (alone)	Diagnosis	ICD-9-CM
813.46	Torus fracture of ulna (alone)	Diagnosis	ICD-9-CM
813.47	Torus fracture of radius and ulna	Diagnosis	ICD-9-CM
813.5	Open fracture of lower end of radius and ulna	Diagnosis	ICD-9-CM
813.50	Unspecified open fracture of lower end of forearm	Diagnosis	ICD-9-CM
813.51	Open Colles' fracture	Diagnosis	ICD-9-CM
813.52	Other open fractures of distal end of radius (alone)	Diagnosis	ICD-9-CM
813.53	Open fracture of distal end of ulna (alone)	Diagnosis	ICD-9-CM
813.54	Open fracture of lower end of radius with ulna	Diagnosis	ICD-9-CM
813.8	Closed fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
813.80	Closed fracture of unspecified part of forearm	Diagnosis	ICD-9-CM
813.81	Closed fracture of unspecified part of radius (alone)	Diagnosis	ICD-9-CM
813.82	Closed fracture of unspecified part of ulna (alone)	Diagnosis	ICD-9-CM
813.83	Closed fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
813.9	Open fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
813.90	Open fracture of unspecified part of forearm	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
813.91	Open fracture of unspecified part of radius (alone)	Diagnosis	ICD-9-CM
813.92	Open fracture of unspecified part of ulna (alone)	Diagnosis	ICD-9-CM
813.93	Open fracture of unspecified part of radius with ulna	Diagnosis	ICD-9-CM
814	Fracture of carpal bone(s)	Diagnosis	ICD-9-CM
814.0	Closed fractures of carpal bones	Diagnosis	ICD-9-CM
814.00	Unspecified closed fracture of carpal bone	Diagnosis	ICD-9-CM
814.01	Closed fracture of navicular (scaphoid) bone of wrist	Diagnosis	ICD-9-CM
814.02	Closed fracture of lunate (semilunar) bone of wrist	Diagnosis	ICD-9-CM
814.03	Closed fracture of triquetral (cuneiform) bone of wrist	Diagnosis	ICD-9-CM
814.04	Closed fracture of pisiform bone of wrist	Diagnosis	ICD-9-CM
814.05	Closed fracture of trapezium bone (larger multangular) of wrist	Diagnosis	ICD-9-CM
814.06	Closed fracture of trapezoid bone (smaller multangular) of wrist	Diagnosis	ICD-9-CM
814.07	Closed fracture of capitate bone (os magnum) of wrist	Diagnosis	ICD-9-CM
814.08	Closed fracture of hamate (unciform) bone of wrist	Diagnosis	ICD-9-CM
814.09	Closed fracture of other bone of wrist	Diagnosis	ICD-9-CM
814.1	Open fractures of carpal bones	Diagnosis	ICD-9-CM
814.10	Unspecified open fracture of carpal bone	Diagnosis	ICD-9-CM
814.11	Open fracture of navicular (scaphoid) bone of wrist	Diagnosis	ICD-9-CM
814.12	Open fracture of lunate (semilunar) bone of wrist	Diagnosis	ICD-9-CM
814.13	Open fracture of triquetral (cuneiform) bone of wrist	Diagnosis	ICD-9-CM
814.14	Open fracture of pisiform bone of wrist	Diagnosis	ICD-9-CM
814.15	Open fracture of trapezium bone (larger multangular) of wrist	Diagnosis	ICD-9-CM
814.16	Open fracture of trapezoid bone (smaller multangular) of wrist	Diagnosis	ICD-9-CM
814.17	Open fracture of capitate bone (os magnum) of wrist	Diagnosis	ICD-9-CM
814.18	Open fracture of hamate (unciform) bone of wrist	Diagnosis	ICD-9-CM
814.19	Open fracture of other bone of wrist	Diagnosis	ICD-9-CM
815	Fracture of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.0	Closed fracture of metacarpal bones	Diagnosis	ICD-9-CM
815.00	Closed fracture of metacarpal bone(s), site unspecified	Diagnosis	ICD-9-CM
815.01	Closed fracture of base of thumb (first) metacarpal bone(s)	Diagnosis	ICD-9-CM
815.02	Closed fracture of base of other metacarpal bone(s)	Diagnosis	ICD-9-CM
815.03	Closed fracture of shaft of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.04	Closed fracture of neck of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.09	Closed fracture of multiple sites of metacarpus	Diagnosis	ICD-9-CM
815.1	Open fracture of metacarpal bones	Diagnosis	ICD-9-CM
815.10	Open fracture of metacarpal bone(s), site unspecified	Diagnosis	ICD-9-CM
815.11	Open fracture of base of thumb (first) metacarpal bone(s)	Diagnosis	ICD-9-CM
815.12	Open fracture of base of other metacarpal bone(s)	Diagnosis	ICD-9-CM
815.13	Open fracture of shaft of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.14	Open fracture of neck of metacarpal bone(s)	Diagnosis	ICD-9-CM
815.19	Open fracture of multiple sites of metacarpus	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
816	Fracture of one or more phalanges of hand	Diagnosis	ICD-9-CM
816.0	Closed fracture of one or more phalanges of hand	Diagnosis	ICD-9-CM
816.00	Closed fracture of unspecified phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.01	Closed fracture of middle or proximal phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.02	Closed fracture of distal phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.03	Closed fracture of multiple sites of phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.1	Open fracture of one or more phalanges of hand	Diagnosis	ICD-9-CM
816.10	Open fracture of phalanx or phalanges of hand, unspecified	Diagnosis	ICD-9-CM
816.11	Open fracture of middle or proximal phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.12	Open fracture of distal phalanx or phalanges of hand	Diagnosis	ICD-9-CM
816.13	Open fractures of multiple sites of phalanx or phalanges of hand	Diagnosis	ICD-9-CM
817	Multiple fractures of hand bones	Diagnosis	ICD-9-CM
817.0	Multiple closed fractures of hand bones	Diagnosis	ICD-9-CM
817.1	Multiple open fractures of hand bones	Diagnosis	ICD-9-CM
818	Ill-defined fractures of upper limb	Diagnosis	ICD-9-CM
818.0	Ill-defined closed fractures of upper limb	Diagnosis	ICD-9-CM
818.1	Ill-defined open fractures of upper limb	Diagnosis	ICD-9-CM
819	Multiple fractures involving both upper limbs, and upper limb with rib(s) and sternum	Diagnosis	ICD-9-CM
819.0	Multiple closed fractures involving both upper limbs, and upper limb with rib(s) and sternum	Diagnosis	ICD-9-CM
819.1	Multiple open fractures involving both upper limbs, and upper limb with rib(s) and sternum	Diagnosis	ICD-9-CM
820	Fracture of neck of femur	Diagnosis	ICD-9-CM
820.0	Closed transcervical fracture	Diagnosis	ICD-9-CM
820.00	Closed fracture of unspecified intracapsular section of neck of femur	Diagnosis	ICD-9-CM
820.01	Closed fracture of epiphysis (separation) (upper) of neck of femur	Diagnosis	ICD-9-CM
820.02	Closed fracture of midcervical section of femur	Diagnosis	ICD-9-CM
820.03	Closed fracture of base of neck of femur	Diagnosis	ICD-9-CM
820.09	Other closed transcervical fracture of femur	Diagnosis	ICD-9-CM
820.1	Open transcervical fracture	Diagnosis	ICD-9-CM
820.10	Open fracture of unspecified intracapsular section of neck of femur	Diagnosis	ICD-9-CM
820.11	Open fracture of epiphysis (separation) (upper) of neck of femur	Diagnosis	ICD-9-CM
820.12	Open fracture of midcervical section of femur	Diagnosis	ICD-9-CM
820.13	Open fracture of base of neck of femur	Diagnosis	ICD-9-CM
820.19	Other open transcervical fracture of femur	Diagnosis	ICD-9-CM
820.2	Closed pertrochanteric fracture of femur	Diagnosis	ICD-9-CM
820.20	Closed fracture of unspecified trochanteric section of femur	Diagnosis	ICD-9-CM
820.21	Closed fracture of intertrochanteric section of femur	Diagnosis	ICD-9-CM
820.22	Closed fracture of subtrochanteric section of femur	Diagnosis	ICD-9-CM
820.3	Open pertrochanteric fracture of femur	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
820.30	Open fracture of unspecified trochanteric section of femur	Diagnosis	ICD-9-CM
820.31	Open fracture of intertrochanteric section of femur	Diagnosis	ICD-9-CM
820.32	Open fracture of subtrochanteric section of femur	Diagnosis	ICD-9-CM
820.8	Closed fracture of unspecified part of neck of femur	Diagnosis	ICD-9-CM
820.9	Open fracture of unspecified part of neck of femur	Diagnosis	ICD-9-CM
821	Fracture of other and unspecified parts of femur	Diagnosis	ICD-9-CM
821.0	Closed fracture of shaft or unspecified part of femur	Diagnosis	ICD-9-CM
821.00	Closed fracture of unspecified part of femur	Diagnosis	ICD-9-CM
821.01	Closed fracture of shaft of femur	Diagnosis	ICD-9-CM
821.1	Open fracture of shaft or unspecified part of femur	Diagnosis	ICD-9-CM
821.10	Open fracture of unspecified part of femur	Diagnosis	ICD-9-CM
821.11	Open fracture of shaft of femur	Diagnosis	ICD-9-CM
821.2	Closed fracture of lower end of femur	Diagnosis	ICD-9-CM
821.20	Closed fracture of unspecified part of lower end of femur	Diagnosis	ICD-9-CM
821.21	Closed fracture of femoral condyle	Diagnosis	ICD-9-CM
821.22	Closed fracture of lower epiphysis of femur	Diagnosis	ICD-9-CM
821.23	Closed supracondylar fracture of femur	Diagnosis	ICD-9-CM
821.29	Other closed fracture of lower end of femur	Diagnosis	ICD-9-CM
821.3	Open fracture of lower end of femur	Diagnosis	ICD-9-CM
821.30	Open fracture of unspecified part of lower end of femur	Diagnosis	ICD-9-CM
821.31	Open fracture of femoral condyle	Diagnosis	ICD-9-CM
821.32	Open fracture of lower epiphysis of femur	Diagnosis	ICD-9-CM
821.33	Open supracondylar fracture of femur	Diagnosis	ICD-9-CM
821.39	Other open fracture of lower end of femur	Diagnosis	ICD-9-CM
822	Fracture of patella	Diagnosis	ICD-9-CM
822.0	Closed fracture of patella	Diagnosis	ICD-9-CM
822.1	Open fracture of patella	Diagnosis	ICD-9-CM
823	Fracture of tibia and fibula	Diagnosis	ICD-9-CM
823.0	Closed fracture of upper end of tibia and fibula	Diagnosis	ICD-9-CM
823.00	Closed fracture of upper end of tibia	Diagnosis	ICD-9-CM
823.01	Closed fracture of upper end of fibula	Diagnosis	ICD-9-CM
823.02	Closed fracture of upper end of fibula with tibia	Diagnosis	ICD-9-CM
823.1	Open fracture of upper end of tibia and fibula	Diagnosis	ICD-9-CM
823.10	Open fracture of upper end of tibia	Diagnosis	ICD-9-CM
823.11	Open fracture of upper end of fibula	Diagnosis	ICD-9-CM
823.12	Open fracture of upper end of fibula with tibia	Diagnosis	ICD-9-CM
823.2	Closed fracture of shaft of tibia and fibula	Diagnosis	ICD-9-CM
823.20	Closed fracture of shaft of tibia	Diagnosis	ICD-9-CM
823.21	Closed fracture of shaft of fibula	Diagnosis	ICD-9-CM
823.22	Closed fracture of shaft of fibula with tibia	Diagnosis	ICD-9-CM
823.3	Open fracture of shaft of tibia and fibula	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
823.30	Open fracture of shaft of tibia	Diagnosis	ICD-9-CM
823.31	Open fracture of shaft of fibula	Diagnosis	ICD-9-CM
823.32	Open fracture of shaft of fibula with tibia	Diagnosis	ICD-9-CM
823.4	Torus fracture of tibia and fibula	Diagnosis	ICD-9-CM
823.40	Torus fracture of tibia alone	Diagnosis	ICD-9-CM
823.41	Torus fracture of fibula alone	Diagnosis	ICD-9-CM
823.42	Torus fracture of fibula with tibia	Diagnosis	ICD-9-CM
823.8	Closed fracture of unspecified part of tibia and fibula	Diagnosis	ICD-9-CM
823.80	Closed fracture of unspecified part of tibia	Diagnosis	ICD-9-CM
823.81	Closed fracture of unspecified part of fibula	Diagnosis	ICD-9-CM
823.82	Closed fracture of unspecified part of fibula with tibia	Diagnosis	ICD-9-CM
823.9	Open fracture of unspecified part of tibia and fibula	Diagnosis	ICD-9-CM
823.90	Open fracture of unspecified part of tibia	Diagnosis	ICD-9-CM
823.91	Open fracture of unspecified part of fibula	Diagnosis	ICD-9-CM
823.92	Open fracture of unspecified part of fibula with tibia	Diagnosis	ICD-9-CM
824	Fracture of ankle	Diagnosis	ICD-9-CM
824.0	Closed fracture of medial malleolus	Diagnosis	ICD-9-CM
824.1	Open fracture of medial malleolus	Diagnosis	ICD-9-CM
824.2	Closed fracture of lateral malleolus	Diagnosis	ICD-9-CM
824.3	Open fracture of lateral malleolus	Diagnosis	ICD-9-CM
824.4	Closed bimalleolar fracture	Diagnosis	ICD-9-CM
824.5	Open bimalleolar fracture	Diagnosis	ICD-9-CM
824.6	Closed trimalleolar fracture	Diagnosis	ICD-9-CM
824.7	Open trimalleolar fracture	Diagnosis	ICD-9-CM
824.8	Unspecified closed fracture of ankle	Diagnosis	ICD-9-CM
824.9	Unspecified open fracture of ankle	Diagnosis	ICD-9-CM
825	Fracture of one or more tarsal and metatarsal bones	Diagnosis	ICD-9-CM
825.0	Closed fracture of calcaneus	Diagnosis	ICD-9-CM
825.1	Open fracture of calcaneus	Diagnosis	ICD-9-CM
825.2	Closed fracture of other tarsal and metatarsal bones	Diagnosis	ICD-9-CM
825.20	Closed fracture of unspecified bone(s) of foot (except toes)	Diagnosis	ICD-9-CM
825.21	Closed fracture of astragalus	Diagnosis	ICD-9-CM
825.22	Closed fracture of navicular (scaphoid) bone of foot	Diagnosis	ICD-9-CM
825.23	Closed fracture of cuboid bone	Diagnosis	ICD-9-CM
825.24	Closed fracture of cuneiform bone of foot	Diagnosis	ICD-9-CM
825.25	Closed fracture of metatarsal bone(s)	Diagnosis	ICD-9-CM
825.29	Other closed fracture of tarsal and metatarsal bones	Diagnosis	ICD-9-CM
825.3	Open fracture of other tarsal and metatarsal bones	Diagnosis	ICD-9-CM
825.30	Open fracture of unspecified bone(s) of foot (except toes)	Diagnosis	ICD-9-CM
825.31	Open fracture of astragalus	Diagnosis	ICD-9-CM
825.32	Open fracture of navicular (scaphoid) bone of foot	Diagnosis	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
825.33	Open fracture of cuboid bone	Diagnosis	ICD-9-CM
825.34	Open fracture of cuneiform bone of foot,	Diagnosis	ICD-9-CM
825.35	Open fracture of metatarsal bone(s)	Diagnosis	ICD-9-CM
825.39	Other open fractures of tarsal and metatarsal bones	Diagnosis	ICD-9-CM
826	Fracture of one or more phalanges of foot	Diagnosis	ICD-9-CM
826.0	Closed fracture of one or more phalanges of foot	Diagnosis	ICD-9-CM
826.1	Open fracture of one or more phalanges of foot	Diagnosis	ICD-9-CM
827	Other, multiple, and ill-defined fractures of lower limb	Diagnosis	ICD-9-CM
827.0	Other, multiple and ill-defined closed fractures of lower limb	Diagnosis	ICD-9-CM
827.1	Other, multiple and ill-defined open fractures of lower limb	Diagnosis	ICD-9-CM
828	Multiple fractures involving both lower limbs, lower with upper limb, and lower limb(s) with rib(s) and sternum	Diagnosis	ICD-9-CM
828.0	Multiple closed fractures involving both lower limbs, lower with upper limb, and lower limb(s) with rib(s) and sternum	Diagnosis	ICD-9-CM
828.1	Multiple fractures involving both lower limbs, lower with upper limb, and lower limb(s) with rib(s) and sternum, open	Diagnosis	ICD-9-CM
829	Fracture of unspecified bones	Diagnosis	ICD-9-CM
829.0	Closed fracture of unspecified bone	Diagnosis	ICD-9-CM
829.1	Open fracture of unspecified bone	Diagnosis	ICD-9-CM
S02.0XXA	Fracture of vault of skull, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.0XXB	Fracture of vault of skull, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.101A	Fracture of base of skull, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.101B	Fracture of base of skull, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.102A	Fracture of base of skull, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.102B	Fracture of base of skull, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.109A	Fracture of base of skull, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.109B	Fracture of base of skull, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.110A	Type I occipital condyle fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.110B	Type I occipital condyle fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.111A	Type II occipital condyle fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.111B	Type II occipital condyle fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.112A	Type III occipital condyle fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.112B	Type III occipital condyle fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.113A	Unspecified occipital condyle fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.113B	Unspecified occipital condyle fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S02.118A	Other fracture of occiput, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.118B	Other fracture of occiput, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.119A	Unspecified fracture of occiput, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.119B	Unspecified fracture of occiput, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11AA	Type I occipital condyle fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11AB	Type I occipital condyle fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11BA	Type I occipital condyle fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11BB	Type I occipital condyle fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11CA	Type II occipital condyle fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11CB	Type II occipital condyle fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11DA	Type II occipital condyle fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11DB	Type II occipital condyle fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11EA	Type III occipital condyle fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11EB	Type III occipital condyle fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11FA	Type III occipital condyle fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11FB	Type III occipital condyle fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11GA	Other fracture of occiput, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11GB	Other fracture of occiput, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.11HA	Other fracture of occiput, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.11HB	Other fracture of occiput, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.19XA	Other fracture of base of skull, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.19XB	Other fracture of base of skull, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.2XXA	Fracture of nasal bones, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.2XXB	Fracture of nasal bones, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.30XA	Fracture of orbital floor, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.30XB	Fracture of orbital floor, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.31XA	Fracture of orbital floor, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.31XB	Fracture of orbital floor, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.32XA	Fracture of orbital floor, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.32XB	Fracture of orbital floor, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.400A	Malar fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.400B	Malar fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.401A	Maxillary fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.401B	Maxillary fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.402A	Zygomatic fracture, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.402B	Zygomatic fracture, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40AA	Malar fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40AB	Malar fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40BA	Malar fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40BB	Malar fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S02.40CA	Maxillary fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40CB	Maxillary fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40DA	Maxillary fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40DB	Maxillary fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40EA	Zygomatic fracture, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40EB	Zygomatic fracture, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.40FA	Zygomatic fracture, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.40FB	Zygomatic fracture, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.411A	LeFort I fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.411B	LeFort I fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.412A	LeFort II fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.412B	LeFort II fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.413A	LeFort III fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.413B	LeFort III fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.42XA	Fracture of alveolus of maxilla, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.42XB	Fracture of alveolus of maxilla, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.600A	Fracture of unspecified part of body of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.600B	Fracture of unspecified part of body of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.601A	Fracture of unspecified part of body of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.601B	Fracture of unspecified part of body of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.602A	Fracture of unspecified part of body of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.602B	Fracture of unspecified part of body of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.609A	Fracture of mandible, unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.609B	Fracture of mandible, unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.610A	Fracture of condylar process of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.610B	Fracture of condylar process of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.611A	Fracture of condylar process of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.611B	Fracture of condylar process of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.612A	Fracture of condylar process of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S02.612B	Fracture of condylar process of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.620A	Fracture of subcondylar process of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.620B	Fracture of subcondylar process of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.621A	Fracture of subcondylar process of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.621B	Fracture of subcondylar process of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.622A	Fracture of subcondylar process of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.622B	Fracture of subcondylar process of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.630A	Fracture of coronoid process of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.630B	Fracture of coronoid process of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.631A	Fracture of coronoid process of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.631B	Fracture of coronoid process of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.632A	Fracture of coronoid process of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.632B	Fracture of coronoid process of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.640A	Fracture of ramus of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.640B	Fracture of ramus of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.641A	Fracture of ramus of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.641B	Fracture of ramus of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.642A	Fracture of ramus of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.642B	Fracture of ramus of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.650A	Fracture of angle of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.650B	Fracture of angle of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.651A	Fracture of angle of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.651B	Fracture of angle of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.652A	Fracture of angle of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S02.652B	Fracture of angle of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.66XA	Fracture of symphysis of mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.66XB	Fracture of symphysis of mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.670A	Fracture of alveolus of mandible, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.670B	Fracture of alveolus of mandible, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.671A	Fracture of alveolus of right mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.671B	Fracture of alveolus of right mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.672A	Fracture of alveolus of left mandible, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.672B	Fracture of alveolus of left mandible, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.69XA	Fracture of mandible of other specified site, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.69XB	Fracture of mandible of other specified site, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.80XA	Fracture of other specified skull and facial bones, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.80XB	Fracture of other specified skull and facial bones, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.81XA	Fracture of other specified skull and facial bones, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.81XB	Fracture of other specified skull and facial bones, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.82XA	Fracture of other specified skull and facial bones, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.82XB	Fracture of other specified skull and facial bones, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.91XA	Unspecified fracture of skull, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.91XB	Unspecified fracture of skull, initial encounter for open fracture	Diagnosis	ICD-10-CM
S02.92XA	Unspecified fracture of facial bones, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S02.92XB	Unspecified fracture of facial bones, initial encounter for open fracture	Diagnosis	ICD-10-CM
S06.330A	Contusion and laceration of cerebrum, unspecified, without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.331A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.332A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.333A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.334A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S06.335A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.336A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.337A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.338A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.339A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.360A	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.361A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.362A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.363A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.364A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.365A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.366A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.367A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.368A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.369A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.4X0A	Epidural hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.4X1A	Epidural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S06.4X2A	Epidural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.4X3A	Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.4X4A	Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.4X5A	Epidural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.4X6A	Epidural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.4X7A	Epidural hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.4X8A	Epidural hemorrhage with loss of consciousness of any duration with death due to other causes prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.4X9A	Epidural hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.5X0A	Traumatic subdural hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X1A	Traumatic subdural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.5X2A	Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.5X3A	Traumatic subdural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.5X4A	Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.5X5A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.5X6A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.5X7A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to brain injury before regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X8A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to other cause before regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X9A	Traumatic subdural hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.6X0A	Traumatic subarachnoid hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X1A	Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S06.6X2A	Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.6X3A	Traumatic subarachnoid hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.6X4A	Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.6X5A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.6X6A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.6X7A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X8A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X9A	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.890A	Other specified intracranial injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.891A	Other specified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.892A	Other specified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.893A	Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.894A	Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.895A	Other specified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.896A	Other specified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.897A	Other specified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.898A	Other specified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S06.899A	Other specified intracranial injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.9X0A	Unspecified intracranial injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X1A	Unspecified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.9X2A	Unspecified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.9X3A	Unspecified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.9X4A	Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.9X5A	Unspecified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.9X6A	Unspecified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.9X7A	Unspecified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X8A	Unspecified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X9A	Unspecified intracranial injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S12.000A	Unspecified displaced fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.000B	Unspecified displaced fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.001A	Unspecified nondisplaced fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.001B	Unspecified nondisplaced fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.01XA	Stable burst fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.01XB	Stable burst fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.02XA	Unstable burst fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.02XB	Unstable burst fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.030A	Displaced posterior arch fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S12.030B	Displaced posterior arch fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.031A	Nondisplaced posterior arch fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.031B	Nondisplaced posterior arch fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.040A	Displaced lateral mass fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.040B	Displaced lateral mass fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.041A	Nondisplaced lateral mass fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.041B	Nondisplaced lateral mass fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.090A	Other displaced fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.090B	Other displaced fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.091A	Other nondisplaced fracture of first cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.091B	Other nondisplaced fracture of first cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.100A	Unspecified displaced fracture of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.100B	Unspecified displaced fracture of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.101A	Unspecified nondisplaced fracture of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.101B	Unspecified nondisplaced fracture of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.110A	Anterior displaced Type II dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.110B	Anterior displaced Type II dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.111A	Posterior displaced Type II dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.111B	Posterior displaced Type II dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.112A	Nondisplaced Type II dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.112B	Nondisplaced Type II dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.120A	Other displaced dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.120B	Other displaced dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.121A	Other nondisplaced dens fracture, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.121B	Other nondisplaced dens fracture, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S12.130A	Unspecified traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.130B	Unspecified traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.131A	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.131B	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.14XA	Type III traumatic spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.14XB	Type III traumatic spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.150A	Other traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.150B	Other traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.151A	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.151B	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.190A	Other displaced fracture of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.190B	Other displaced fracture of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.191A	Other nondisplaced fracture of second cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.191B	Other nondisplaced fracture of second cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.200A	Unspecified displaced fracture of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.200B	Unspecified displaced fracture of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.201A	Unspecified nondisplaced fracture of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.201B	Unspecified nondisplaced fracture of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.230A	Unspecified traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.230B	Unspecified traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S12.231A	Unspecified traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.231B	Unspecified traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.24XA	Type III traumatic spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.24XB	Type III traumatic spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.250A	Other traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.250B	Other traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.251A	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.251B	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.290A	Other displaced fracture of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.290B	Other displaced fracture of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.291A	Other nondisplaced fracture of third cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.291B	Other nondisplaced fracture of third cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.300A	Unspecified displaced fracture of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.300B	Unspecified displaced fracture of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.301A	Unspecified nondisplaced fracture of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.301B	Unspecified nondisplaced fracture of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.330A	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.330B	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.331A	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.331B	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S12.34XA	Type III traumatic spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.34XB	Type III traumatic spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.350A	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.350B	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.351A	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.351B	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.390A	Other displaced fracture of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.390B	Other displaced fracture of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.391A	Other nondisplaced fracture of fourth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.391B	Other nondisplaced fracture of fourth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.400A	Unspecified displaced fracture of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.400B	Unspecified displaced fracture of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.401A	Unspecified nondisplaced fracture of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.401B	Unspecified nondisplaced fracture of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.430A	Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.430B	Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.431A	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.431B	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.44XA	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.44XB	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S12.450A	Other traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.450B	Other traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.451A	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.451B	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.490A	Other displaced fracture of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.490B	Other displaced fracture of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.491A	Other nondisplaced fracture of fifth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.491B	Other nondisplaced fracture of fifth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.500A	Unspecified displaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.500B	Unspecified displaced fracture of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.501A	Unspecified nondisplaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.501B	Unspecified nondisplaced fracture of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.530A	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.530B	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.531A	Unspecified traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.531B	Unspecified traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.54XA	Type III traumatic spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.54XB	Type III traumatic spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.550A	Other traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.550B	Other traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S12.551A	Other traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.551B	Other traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.590A	Other displaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.590B	Other displaced fracture of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.591A	Other nondisplaced fracture of sixth cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.591B	Other nondisplaced fracture of sixth cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.600A	Unspecified displaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.600B	Unspecified displaced fracture of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.601A	Unspecified nondisplaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.601B	Unspecified nondisplaced fracture of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.630A	Unspecified traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.630B	Unspecified traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.631A	Unspecified traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.631B	Unspecified traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.64XA	Type III traumatic spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.64XB	Type III traumatic spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.650A	Other traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.650B	Other traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.651A	Other traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.651B	Other traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S12.690A	Other displaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.690B	Other displaced fracture of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.691A	Other nondisplaced fracture of seventh cervical vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S12.691B	Other nondisplaced fracture of seventh cervical vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S12.8XXA	Fracture of other parts of neck, initial encounter	Diagnosis	ICD-10-CM
S12.9XXA	Fracture of neck, unspecified, initial encounter	Diagnosis	ICD-10-CM
S14.101A	Unspecified injury at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.102A	Unspecified injury at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.103A	Unspecified injury at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.104A	Unspecified injury at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.105A	Unspecified injury at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.106A	Unspecified injury at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.107A	Unspecified injury at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.109A	Unspecified injury at unspecified level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.111A	Complete lesion at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.112A	Complete lesion at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.113A	Complete lesion at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.114A	Complete lesion at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.115A	Complete lesion at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.116A	Complete lesion at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.117A	Complete lesion at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.121A	Central cord syndrome at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.122A	Central cord syndrome at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.123A	Central cord syndrome at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.124A	Central cord syndrome at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.125A	Central cord syndrome at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.126A	Central cord syndrome at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.127A	Central cord syndrome at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.131A	Anterior cord syndrome at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.132A	Anterior cord syndrome at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.133A	Anterior cord syndrome at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.134A	Anterior cord syndrome at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.135A	Anterior cord syndrome at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.136A	Anterior cord syndrome at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.137A	Anterior cord syndrome at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.151A	Other incomplete lesion at C1 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.152A	Other incomplete lesion at C2 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S14.153A	Other incomplete lesion at C3 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.154A	Other incomplete lesion at C4 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.155A	Other incomplete lesion at C5 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.156A	Other incomplete lesion at C6 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S14.157A	Other incomplete lesion at C7 level of cervical spinal cord, initial encounter	Diagnosis	ICD-10-CM
S22.000A	Wedge compression fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.000B	Wedge compression fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.001A	Stable burst fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.001B	Stable burst fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.002A	Unstable burst fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.002B	Unstable burst fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.008A	Other fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.008B	Other fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.009A	Unspecified fracture of unspecified thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.009B	Unspecified fracture of unspecified thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.010A	Wedge compression fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.010B	Wedge compression fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.011A	Stable burst fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.011B	Stable burst fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.012A	Unstable burst fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.012B	Unstable burst fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.018A	Other fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.018B	Other fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.019A	Unspecified fracture of first thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S22.019B	Unspecified fracture of first thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.020A	Wedge compression fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.020B	Wedge compression fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.021A	Stable burst fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.021B	Stable burst fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.022A	Unstable burst fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.022B	Unstable burst fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.028A	Other fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.028B	Other fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.029A	Unspecified fracture of second thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.029B	Unspecified fracture of second thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.030A	Wedge compression fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.030B	Wedge compression fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.031A	Stable burst fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.031B	Stable burst fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.032A	Unstable burst fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.032B	Unstable burst fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.038A	Other fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.038B	Other fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.039A	Unspecified fracture of third thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.039B	Unspecified fracture of third thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.040A	Wedge compression fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S22.040B	Wedge compression fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.041A	Stable burst fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.041B	Stable burst fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.042A	Unstable burst fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.042B	Unstable burst fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.048A	Other fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.048B	Other fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.049A	Unspecified fracture of fourth thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.049B	Unspecified fracture of fourth thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.050A	Wedge compression fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.050B	Wedge compression fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.051A	Stable burst fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.051B	Stable burst fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.052A	Unstable burst fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.052B	Unstable burst fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.058A	Other fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.058B	Other fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.059A	Unspecified fracture of T5-T6 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.059B	Unspecified fracture of T5-T6 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.060A	Wedge compression fracture of T7-T8 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.060B	Wedge compression fracture of T7-T8 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.061A	Stable burst fracture of T7-T8 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.061B	Stable burst fracture of T7-T8 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.062A	Unstable burst fracture of T7-T8 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.062B	Unstable burst fracture of T7-T8 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.068A	Other fracture of T7-T8 thoracic vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.068B	Other fracture of T7-T8 thoracic vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.069A	Unspecified fracture of T7-T8 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.069B	Unspecified fracture of T7-T8 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S22.070A	Wedge compression fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.070B	Wedge compression fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.071A	Stable burst fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.071B	Stable burst fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.072A	Unstable burst fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.072B	Unstable burst fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.078A	Other fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.078B	Other fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.079A	Unspecified fracture of T9-T10 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.079B	Unspecified fracture of T9-T10 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.080A	Wedge compression fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.080B	Wedge compression fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.081A	Stable burst fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.081B	Stable burst fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.082A	Unstable burst fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.082B	Unstable burst fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.088A	Other fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.088B	Other fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.089A	Unspecified fracture of T11-T12 vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.089B	Unspecified fracture of T11-T12 vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.20XA	Unspecified fracture of sternum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.20XB	Unspecified fracture of sternum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.21XA	Fracture of manubrium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.21XB	Fracture of manubrium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.22XA	Fracture of body of sternum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.22XB	Fracture of body of sternum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.23XA	Sternal manubrial dissociation, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.23XB	Sternal manubrial dissociation, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.24XA	Fracture of xiphoid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.24XB	Fracture of xiphoid process, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.31XA	Fracture of one rib, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.31XB	Fracture of one rib, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.32XA	Fracture of one rib, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.32XB	Fracture of one rib, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.39XA	Fracture of one rib, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.39XB	Fracture of one rib, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S22.41XA	Multiple fractures of ribs, right side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.41XB	Multiple fractures of ribs, right side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.42XA	Multiple fractures of ribs, left side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.42XB	Multiple fractures of ribs, left side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.43XA	Multiple fractures of ribs, bilateral, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.43XB	Multiple fractures of ribs, bilateral, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.49XA	Multiple fractures of ribs, unspecified side, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.49XB	Multiple fractures of ribs, unspecified side, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.5XXA	Flail chest, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.5XXB	Flail chest, initial encounter for open fracture	Diagnosis	ICD-10-CM
S22.9XXA	Fracture of bony thorax, part unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S22.9XXB	Fracture of bony thorax, part unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
S24.101A	Unspecified injury at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.102A	Unspecified injury at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.103A	Unspecified injury at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.104A	Unspecified injury at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.109A	Unspecified injury at unspecified level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.111A	Complete lesion at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.112A	Complete lesion at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.113A	Complete lesion at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.114A	Complete lesion at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.131A	Anterior cord syndrome at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.132A	Anterior cord syndrome at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.133A	Anterior cord syndrome at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.134A	Anterior cord syndrome at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.151A	Other incomplete lesion at T1 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.152A	Other incomplete lesion at T2-T6 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.153A	Other incomplete lesion at T7-T10 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S24.154A	Other incomplete lesion at T11-T12 level of thoracic spinal cord, initial encounter	Diagnosis	ICD-10-CM
S32.000A	Wedge compression fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.000B	Wedge compression fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.001A	Stable burst fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.001B	Stable burst fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S32.002A	Unstable burst fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.002B	Unstable burst fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.008A	Other fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.008B	Other fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.009A	Unspecified fracture of unspecified lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.009B	Unspecified fracture of unspecified lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.010A	Wedge compression fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.010B	Wedge compression fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.011A	Stable burst fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.011B	Stable burst fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.012A	Unstable burst fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.012B	Unstable burst fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.018A	Other fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.018B	Other fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.019A	Unspecified fracture of first lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.019B	Unspecified fracture of first lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.020A	Wedge compression fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.020B	Wedge compression fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.021A	Stable burst fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.021B	Stable burst fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.022A	Unstable burst fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.022B	Unstable burst fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S32.028A	Other fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.028B	Other fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.029A	Unspecified fracture of second lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.029B	Unspecified fracture of second lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.030A	Wedge compression fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.030B	Wedge compression fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.031A	Stable burst fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.031B	Stable burst fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.032A	Unstable burst fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.032B	Unstable burst fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.038A	Other fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.038B	Other fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.039A	Unspecified fracture of third lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.039B	Unspecified fracture of third lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.040A	Wedge compression fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.040B	Wedge compression fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.041A	Stable burst fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.041B	Stable burst fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.042A	Unstable burst fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.042B	Unstable burst fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.048A	Other fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.048B	Other fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.049A	Unspecified fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S32.049B	Unspecified fracture of fourth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.050A	Wedge compression fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.050B	Wedge compression fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.051A	Stable burst fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.051B	Stable burst fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.052A	Unstable burst fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.052B	Unstable burst fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.058A	Other fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.058B	Other fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.059A	Unspecified fracture of fifth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.059B	Unspecified fracture of fifth lumbar vertebra, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.10XA	Unspecified fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.10XB	Unspecified fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.110A	Nondisplaced Zone I fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.110B	Nondisplaced Zone I fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.111A	Minimally displaced Zone I fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.111B	Minimally displaced Zone I fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.112A	Severely displaced Zone I fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.112B	Severely displaced Zone I fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.119A	Unspecified Zone I fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.119B	Unspecified Zone I fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.120A	Nondisplaced Zone II fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.120B	Nondisplaced Zone II fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.121A	Minimally displaced Zone II fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.121B	Minimally displaced Zone II fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.122A	Severely displaced Zone II fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S32.122B	Severely displaced Zone II fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.129A	Unspecified Zone II fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.129B	Unspecified Zone II fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.130A	Nondisplaced Zone III fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.130B	Nondisplaced Zone III fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.131A	Minimally displaced Zone III fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.131B	Minimally displaced Zone III fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.132A	Severely displaced Zone III fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.132B	Severely displaced Zone III fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.139A	Unspecified Zone III fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.139B	Unspecified Zone III fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.14XA	Type 1 fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.14XB	Type 1 fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.15XA	Type 2 fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.15XB	Type 2 fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.16XA	Type 3 fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.16XB	Type 3 fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.17XA	Type 4 fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.17XB	Type 4 fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.19XA	Other fracture of sacrum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.19XB	Other fracture of sacrum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.2XXA	Fracture of coccyx, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.2XXB	Fracture of coccyx, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.301A	Unspecified fracture of right ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.301B	Unspecified fracture of right ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.302A	Unspecified fracture of left ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.302B	Unspecified fracture of left ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.309A	Unspecified fracture of unspecified ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.309B	Unspecified fracture of unspecified ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.311A	Displaced avulsion fracture of right ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.311B	Displaced avulsion fracture of right ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.312A	Displaced avulsion fracture of left ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.312B	Displaced avulsion fracture of left ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.313A	Displaced avulsion fracture of unspecified ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S32.313B	Displaced avulsion fracture of unspecified ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.314A	Nondisplaced avulsion fracture of right ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.314B	Nondisplaced avulsion fracture of right ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.315A	Nondisplaced avulsion fracture of left ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.315B	Nondisplaced avulsion fracture of left ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.316A	Nondisplaced avulsion fracture of unspecified ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.316B	Nondisplaced avulsion fracture of unspecified ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.391A	Other fracture of right ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.391B	Other fracture of right ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.392A	Other fracture of left ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.392B	Other fracture of left ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.399A	Other fracture of unspecified ilium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.399B	Other fracture of unspecified ilium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.401A	Unspecified fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.401B	Unspecified fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.402A	Unspecified fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.402B	Unspecified fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.409A	Unspecified fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.409B	Unspecified fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.411A	Displaced fracture of anterior wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.411B	Displaced fracture of anterior wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.412A	Displaced fracture of anterior wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.412B	Displaced fracture of anterior wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.413A	Displaced fracture of anterior wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.413B	Displaced fracture of anterior wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.414A	Nondisplaced fracture of anterior wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S32.414B	Nondisplaced fracture of anterior wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.415A	Nondisplaced fracture of anterior wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.415B	Nondisplaced fracture of anterior wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.416A	Nondisplaced fracture of anterior wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.416B	Nondisplaced fracture of anterior wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.421A	Displaced fracture of posterior wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.421B	Displaced fracture of posterior wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.422A	Displaced fracture of posterior wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.422B	Displaced fracture of posterior wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.423A	Displaced fracture of posterior wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.423B	Displaced fracture of posterior wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.424A	Nondisplaced fracture of posterior wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.424B	Nondisplaced fracture of posterior wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.425A	Nondisplaced fracture of posterior wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.425B	Nondisplaced fracture of posterior wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.426A	Nondisplaced fracture of posterior wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.426B	Nondisplaced fracture of posterior wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.431A	Displaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.431B	Displaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.432A	Displaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S32.432B	Displaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.433A	Displaced fracture of anterior column [iliopubic] of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.433B	Displaced fracture of anterior column [iliopubic] of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.434A	Nondisplaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.434B	Nondisplaced fracture of anterior column [iliopubic] of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.435A	Nondisplaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.435B	Nondisplaced fracture of anterior column [iliopubic] of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.436A	Nondisplaced fracture of anterior column [iliopubic] of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.436B	Nondisplaced fracture of anterior column [iliopubic] of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.441A	Displaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.441B	Displaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.442A	Displaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.442B	Displaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.443A	Displaced fracture of posterior column [ilioischial] of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.443B	Displaced fracture of posterior column [ilioischial] of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.444A	Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.444B	Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.445A	Nondisplaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.445B	Nondisplaced fracture of posterior column [ilioischial] of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.446A	Nondisplaced fracture of posterior column [ilioischial] of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S32.446B	Nondisplaced fracture of posterior column [ilioischial] of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.451A	Displaced transverse fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.451B	Displaced transverse fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.452A	Displaced transverse fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.452B	Displaced transverse fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.453A	Displaced transverse fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.453B	Displaced transverse fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.454A	Nondisplaced transverse fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.454B	Nondisplaced transverse fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.455A	Nondisplaced transverse fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.455B	Nondisplaced transverse fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.456A	Nondisplaced transverse fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.456B	Nondisplaced transverse fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.461A	Displaced associated transverse-posterior fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.461B	Displaced associated transverse-posterior fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.462A	Displaced associated transverse-posterior fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.462B	Displaced associated transverse-posterior fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.463A	Displaced associated transverse-posterior fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.463B	Displaced associated transverse-posterior fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.464A	Nondisplaced associated transverse-posterior fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S32.464B	Nondisplaced associated transverse-posterior fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.465A	Nondisplaced associated transverse-posterior fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.465B	Nondisplaced associated transverse-posterior fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.466A	Nondisplaced associated transverse-posterior fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.466B	Nondisplaced associated transverse-posterior fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.471A	Displaced fracture of medial wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.471B	Displaced fracture of medial wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.472A	Displaced fracture of medial wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.472B	Displaced fracture of medial wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.473A	Displaced fracture of medial wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.473B	Displaced fracture of medial wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.474A	Nondisplaced fracture of medial wall of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.474B	Nondisplaced fracture of medial wall of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.475A	Nondisplaced fracture of medial wall of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.475B	Nondisplaced fracture of medial wall of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.476A	Nondisplaced fracture of medial wall of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.476B	Nondisplaced fracture of medial wall of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.481A	Displaced dome fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.481B	Displaced dome fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.482A	Displaced dome fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.482B	Displaced dome fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S32.483A	Displaced dome fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.483B	Displaced dome fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.484A	Nondisplaced dome fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.484B	Nondisplaced dome fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.485A	Nondisplaced dome fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.485B	Nondisplaced dome fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.486A	Nondisplaced dome fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.486B	Nondisplaced dome fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.491A	Other specified fracture of right acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.491B	Other specified fracture of right acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.492A	Other specified fracture of left acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.492B	Other specified fracture of left acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.499A	Other specified fracture of unspecified acetabulum, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.499B	Other specified fracture of unspecified acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.501A	Unspecified fracture of right pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.501B	Unspecified fracture of right pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.502A	Unspecified fracture of left pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.502B	Unspecified fracture of left pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.509A	Unspecified fracture of unspecified pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.509B	Unspecified fracture of unspecified pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.511A	Fracture of superior rim of right pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.511B	Fracture of superior rim of right pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.512A	Fracture of superior rim of left pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.512B	Fracture of superior rim of left pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.519A	Fracture of superior rim of unspecified pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.519B	Fracture of superior rim of unspecified pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.591A	Other specified fracture of right pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.591B	Other specified fracture of right pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S32.592A	Other specified fracture of left pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.592B	Other specified fracture of left pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.599A	Other specified fracture of unspecified pubis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.599B	Other specified fracture of unspecified pubis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.601A	Unspecified fracture of right ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.601B	Unspecified fracture of right ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.602A	Unspecified fracture of left ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.602B	Unspecified fracture of left ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.609A	Unspecified fracture of unspecified ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.609B	Unspecified fracture of unspecified ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.611A	Displaced avulsion fracture of right ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.611B	Displaced avulsion fracture of right ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.612A	Displaced avulsion fracture of left ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.612B	Displaced avulsion fracture of left ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.613A	Displaced avulsion fracture of unspecified ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.613B	Displaced avulsion fracture of unspecified ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.614A	Nondisplaced avulsion fracture of right ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.614B	Nondisplaced avulsion fracture of right ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.615A	Nondisplaced avulsion fracture of left ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.615B	Nondisplaced avulsion fracture of left ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.616A	Nondisplaced avulsion fracture of unspecified ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.616B	Nondisplaced avulsion fracture of unspecified ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.691A	Other specified fracture of right ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.691B	Other specified fracture of right ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.692A	Other specified fracture of left ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.692B	Other specified fracture of left ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.699A	Other specified fracture of unspecified ischium, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.699B	Other specified fracture of unspecified ischium, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S32.810A	Multiple fractures of pelvis with stable disruption of pelvic ring, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.810B	Multiple fractures of pelvis with stable disruption of pelvic ring, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.811A	Multiple fractures of pelvis with unstable disruption of pelvic ring, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.811B	Multiple fractures of pelvis with unstable disruption of pelvic ring, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.82XA	Multiple fractures of pelvis without disruption of pelvic ring, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.82XB	Multiple fractures of pelvis without disruption of pelvic ring, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.89XA	Fracture of other parts of pelvis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.89XB	Fracture of other parts of pelvis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S32.9XXA	Fracture of unspecified parts of lumbosacral spine and pelvis, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S32.9XXB	Fracture of unspecified parts of lumbosacral spine and pelvis, initial encounter for open fracture	Diagnosis	ICD-10-CM
S34.101A	Unspecified injury to L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.102A	Unspecified injury to L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.103A	Unspecified injury to L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.104A	Unspecified injury to L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.105A	Unspecified injury to L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.109A	Unspecified injury to unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.111A	Complete lesion of L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.112A	Complete lesion of L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.113A	Complete lesion of L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.114A	Complete lesion of L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.115A	Complete lesion of L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.119A	Complete lesion of unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.121A	Incomplete lesion of L1 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.122A	Incomplete lesion of L2 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.123A	Incomplete lesion of L3 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.124A	Incomplete lesion of L4 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.125A	Incomplete lesion of L5 level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.129A	Incomplete lesion of unspecified level of lumbar spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.131A	Complete lesion of sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.132A	Incomplete lesion of sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.139A	Unspecified injury to sacral spinal cord, initial encounter	Diagnosis	ICD-10-CM
S34.3XXA	Injury of cauda equina, initial encounter	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.001A	Fracture of unspecified part of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.001B	Fracture of unspecified part of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.002A	Fracture of unspecified part of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.002B	Fracture of unspecified part of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.009A	Fracture of unspecified part of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.009B	Fracture of unspecified part of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.011A	Anterior displaced fracture of sternal end of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.011B	Anterior displaced fracture of sternal end of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.012A	Anterior displaced fracture of sternal end of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.012B	Anterior displaced fracture of sternal end of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.013A	Anterior displaced fracture of sternal end of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.013B	Anterior displaced fracture of sternal end of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.014A	Posterior displaced fracture of sternal end of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.014B	Posterior displaced fracture of sternal end of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.015A	Posterior displaced fracture of sternal end of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.015B	Posterior displaced fracture of sternal end of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.016A	Posterior displaced fracture of sternal end of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.016B	Posterior displaced fracture of sternal end of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.017A	Nondisplaced fracture of sternal end of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.017B	Nondisplaced fracture of sternal end of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.018A	Nondisplaced fracture of sternal end of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.018B	Nondisplaced fracture of sternal end of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.019A	Nondisplaced fracture of sternal end of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.019B	Nondisplaced fracture of sternal end of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.021A	Displaced fracture of shaft of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.021B	Displaced fracture of shaft of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.022A	Displaced fracture of shaft of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.022B	Displaced fracture of shaft of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.023A	Displaced fracture of shaft of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.023B	Displaced fracture of shaft of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.024A	Nondisplaced fracture of shaft of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.024B	Nondisplaced fracture of shaft of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.025A	Nondisplaced fracture of shaft of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.025B	Nondisplaced fracture of shaft of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.026A	Nondisplaced fracture of shaft of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.026B	Nondisplaced fracture of shaft of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.031A	Displaced fracture of lateral end of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.031B	Displaced fracture of lateral end of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.032A	Displaced fracture of lateral end of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.032B	Displaced fracture of lateral end of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.033A	Displaced fracture of lateral end of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.033B	Displaced fracture of lateral end of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.034A	Nondisplaced fracture of lateral end of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.034B	Nondisplaced fracture of lateral end of right clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.035A	Nondisplaced fracture of lateral end of left clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.035B	Nondisplaced fracture of lateral end of left clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.036A	Nondisplaced fracture of lateral end of unspecified clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.036B	Nondisplaced fracture of lateral end of unspecified clavicle, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.101A	Fracture of unspecified part of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.101B	Fracture of unspecified part of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.102A	Fracture of unspecified part of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.102B	Fracture of unspecified part of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.109A	Fracture of unspecified part of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.109B	Fracture of unspecified part of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.111A	Displaced fracture of body of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.111B	Displaced fracture of body of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.112A	Displaced fracture of body of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.112B	Displaced fracture of body of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.113A	Displaced fracture of body of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.113B	Displaced fracture of body of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.114A	Nondisplaced fracture of body of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.114B	Nondisplaced fracture of body of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.115A	Nondisplaced fracture of body of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.115B	Nondisplaced fracture of body of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.116A	Nondisplaced fracture of body of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.116B	Nondisplaced fracture of body of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.121A	Displaced fracture of acromial process, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.121B	Displaced fracture of acromial process, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.122A	Displaced fracture of acromial process, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.122B	Displaced fracture of acromial process, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.123A	Displaced fracture of acromial process, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.123B	Displaced fracture of acromial process, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.124A	Nondisplaced fracture of acromial process, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.124B	Nondisplaced fracture of acromial process, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.125A	Nondisplaced fracture of acromial process, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.125B	Nondisplaced fracture of acromial process, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.126A	Nondisplaced fracture of acromial process, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.126B	Nondisplaced fracture of acromial process, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.131A	Displaced fracture of coracoid process, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.131B	Displaced fracture of coracoid process, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.132A	Displaced fracture of coracoid process, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.132B	Displaced fracture of coracoid process, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.133A	Displaced fracture of coracoid process, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.133B	Displaced fracture of coracoid process, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.134A	Nondisplaced fracture of coracoid process, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.134B	Nondisplaced fracture of coracoid process, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.135A	Nondisplaced fracture of coracoid process, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.135B	Nondisplaced fracture of coracoid process, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.136A	Nondisplaced fracture of coracoid process, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.136B	Nondisplaced fracture of coracoid process, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.141A	Displaced fracture of glenoid cavity of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.141B	Displaced fracture of glenoid cavity of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.142A	Displaced fracture of glenoid cavity of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.142B	Displaced fracture of glenoid cavity of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.143A	Displaced fracture of glenoid cavity of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.143B	Displaced fracture of glenoid cavity of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.144A	Nondisplaced fracture of glenoid cavity of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.144B	Nondisplaced fracture of glenoid cavity of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.145A	Nondisplaced fracture of glenoid cavity of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.145B	Nondisplaced fracture of glenoid cavity of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.146A	Nondisplaced fracture of glenoid cavity of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.146B	Nondisplaced fracture of glenoid cavity of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.151A	Displaced fracture of neck of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.151B	Displaced fracture of neck of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.152A	Displaced fracture of neck of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.152B	Displaced fracture of neck of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.153A	Displaced fracture of neck of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.153B	Displaced fracture of neck of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.154A	Nondisplaced fracture of neck of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.154B	Nondisplaced fracture of neck of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.155A	Nondisplaced fracture of neck of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.155B	Nondisplaced fracture of neck of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.156A	Nondisplaced fracture of neck of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.156B	Nondisplaced fracture of neck of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.191A	Fracture of other part of scapula, right shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.191B	Fracture of other part of scapula, right shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.192A	Fracture of other part of scapula, left shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.192B	Fracture of other part of scapula, left shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.199A	Fracture of other part of scapula, unspecified shoulder, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.199B	Fracture of other part of scapula, unspecified shoulder, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.201A	Unspecified fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.201B	Unspecified fracture of upper end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.202A	Unspecified fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.202B	Unspecified fracture of upper end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.209A	Unspecified fracture of upper end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.209B	Unspecified fracture of upper end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.211A	Unspecified displaced fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.211B	Unspecified displaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.212A	Unspecified displaced fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.212B	Unspecified displaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.213A	Unspecified displaced fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.213B	Unspecified displaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.214A	Unspecified nondisplaced fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.214B	Unspecified nondisplaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.215A	Unspecified nondisplaced fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.215B	Unspecified nondisplaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.216A	Unspecified nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.216B	Unspecified nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.221A	2-part displaced fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.221B	2-part displaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.222A	2-part displaced fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.222B	2-part displaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.223A	2-part displaced fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.223B	2-part displaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.224A	2-part nondisplaced fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.224B	2-part nondisplaced fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.225A	2-part nondisplaced fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.225B	2-part nondisplaced fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.226A	2-part nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.226B	2-part nondisplaced fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.231A	3-part fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.231B	3-part fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.232A	3-part fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.232B	3-part fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.239A	3-part fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.239B	3-part fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.241A	4-part fracture of surgical neck of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.241B	4-part fracture of surgical neck of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.242A	4-part fracture of surgical neck of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.242B	4-part fracture of surgical neck of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.249A	4-part fracture of surgical neck of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.249B	4-part fracture of surgical neck of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.251A	Displaced fracture of greater tuberosity of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.251B	Displaced fracture of greater tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.252A	Displaced fracture of greater tuberosity of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.252B	Displaced fracture of greater tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.253A	Displaced fracture of greater tuberosity of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.253B	Displaced fracture of greater tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.254A	Nondisplaced fracture of greater tuberosity of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.254B	Nondisplaced fracture of greater tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.255A	Nondisplaced fracture of greater tuberosity of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.255B	Nondisplaced fracture of greater tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.256A	Nondisplaced fracture of greater tuberosity of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.256B	Nondisplaced fracture of greater tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.261A	Displaced fracture of lesser tuberosity of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.261B	Displaced fracture of lesser tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.262A	Displaced fracture of lesser tuberosity of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.262B	Displaced fracture of lesser tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.263A	Displaced fracture of lesser tuberosity of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.263B	Displaced fracture of lesser tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.264A	Nondisplaced fracture of lesser tuberosity of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.264B	Nondisplaced fracture of lesser tuberosity of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.265A	Nondisplaced fracture of lesser tuberosity of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.265B	Nondisplaced fracture of lesser tuberosity of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.266A	Nondisplaced fracture of lesser tuberosity of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.266B	Nondisplaced fracture of lesser tuberosity of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.271A	Torus fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.272A	Torus fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.279A	Torus fracture of upper end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.291A	Other displaced fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.291B	Other displaced fracture of upper end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.292A	Other displaced fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.292B	Other displaced fracture of upper end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.293A	Other displaced fracture of upper end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.293B	Other displaced fracture of upper end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.294A	Other nondisplaced fracture of upper end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.294B	Other nondisplaced fracture of upper end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.295A	Other nondisplaced fracture of upper end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.295B	Other nondisplaced fracture of upper end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.296A	Other nondisplaced fracture of upper end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.296B	Other nondisplaced fracture of upper end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.301A	Unspecified fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.301B	Unspecified fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.302A	Unspecified fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.302B	Unspecified fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.309A	Unspecified fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.309B	Unspecified fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.311A	Greenstick fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.312A	Greenstick fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.319A	Greenstick fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.321A	Displaced transverse fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.321B	Displaced transverse fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.322A	Displaced transverse fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.322B	Displaced transverse fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.323A	Displaced transverse fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.323B	Displaced transverse fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.324A	Nondisplaced transverse fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.324B	Nondisplaced transverse fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.325A	Nondisplaced transverse fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.325B	Nondisplaced transverse fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.326A	Nondisplaced transverse fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.326B	Nondisplaced transverse fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.331A	Displaced oblique fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.331B	Displaced oblique fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.332A	Displaced oblique fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.332B	Displaced oblique fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.333A	Displaced oblique fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.333B	Displaced oblique fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.334A	Nondisplaced oblique fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.334B	Nondisplaced oblique fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.335A	Nondisplaced oblique fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.335B	Nondisplaced oblique fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.336A	Nondisplaced oblique fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.336B	Nondisplaced oblique fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.341A	Displaced spiral fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.341B	Displaced spiral fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.342A	Displaced spiral fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.342B	Displaced spiral fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.343A	Displaced spiral fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.343B	Displaced spiral fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.344A	Nondisplaced spiral fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.344B	Nondisplaced spiral fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.345A	Nondisplaced spiral fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.345B	Nondisplaced spiral fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.346A	Nondisplaced spiral fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.346B	Nondisplaced spiral fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.351A	Displaced comminuted fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.351B	Displaced comminuted fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.352A	Displaced comminuted fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.352B	Displaced comminuted fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.353A	Displaced comminuted fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.353B	Displaced comminuted fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.354A	Nondisplaced comminuted fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.354B	Nondisplaced comminuted fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.355A	Nondisplaced comminuted fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.355B	Nondisplaced comminuted fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.356A	Nondisplaced comminuted fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.356B	Nondisplaced comminuted fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.361A	Displaced segmental fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.361B	Displaced segmental fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.362A	Displaced segmental fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.362B	Displaced segmental fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.363A	Displaced segmental fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.363B	Displaced segmental fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.364A	Nondisplaced segmental fracture of shaft of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.364B	Nondisplaced segmental fracture of shaft of humerus, right arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.365A	Nondisplaced segmental fracture of shaft of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.365B	Nondisplaced segmental fracture of shaft of humerus, left arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.366A	Nondisplaced segmental fracture of shaft of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.366B	Nondisplaced segmental fracture of shaft of humerus, unspecified arm, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.391A	Other fracture of shaft of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.391B	Other fracture of shaft of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.392A	Other fracture of shaft of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.392B	Other fracture of shaft of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.399A	Other fracture of shaft of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.399B	Other fracture of shaft of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.401A	Unspecified fracture of lower end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.401B	Unspecified fracture of lower end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.402A	Unspecified fracture of lower end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.402B	Unspecified fracture of lower end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.409A	Unspecified fracture of lower end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.409B	Unspecified fracture of lower end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.411A	Displaced simple supracondylar fracture without intercondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.411B	Displaced simple supracondylar fracture without intercondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.412A	Displaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.412B	Displaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.413A	Displaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.413B	Displaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.414A	Nondisplaced simple supracondylar fracture without intercondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.414B	Nondisplaced simple supracondylar fracture without intercondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.415A	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.415B	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.416A	Nondisplaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.416B	Nondisplaced simple supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.421A	Displaced comminuted supracondylar fracture without intercondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.421B	Displaced comminuted supracondylar fracture without intercondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.422A	Displaced comminuted supracondylar fracture without intercondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.422B	Displaced comminuted supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.423A	Displaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.423B	Displaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.424A	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.424B	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.425A	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.425B	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.426A	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.426B	Nondisplaced comminuted supracondylar fracture without intercondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.431A	Displaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.431B	Displaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.432A	Displaced fracture (avulsion) of lateral epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.432B	Displaced fracture (avulsion) of lateral epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.433A	Displaced fracture (avulsion) of lateral epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.433B	Displaced fracture (avulsion) of lateral epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.434A	Nondisplaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.434B	Nondisplaced fracture (avulsion) of lateral epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.435A	Nondisplaced fracture (avulsion) of lateral epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.435B	Nondisplaced fracture (avulsion) of lateral epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.436A	Nondisplaced fracture (avulsion) of lateral epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.436B	Nondisplaced fracture (avulsion) of lateral epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.441A	Displaced fracture (avulsion) of medial epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.441B	Displaced fracture (avulsion) of medial epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.442A	Displaced fracture (avulsion) of medial epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.442B	Displaced fracture (avulsion) of medial epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.443A	Displaced fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.443B	Displaced fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.444A	Nondisplaced fracture (avulsion) of medial epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.444B	Nondisplaced fracture (avulsion) of medial epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.445A	Nondisplaced fracture (avulsion) of medial epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.445B	Nondisplaced fracture (avulsion) of medial epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.446A	Nondisplaced fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.446B	Nondisplaced fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.447A	Incarcerated fracture (avulsion) of medial epicondyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.447B	Incarcerated fracture (avulsion) of medial epicondyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.448A	Incarcerated fracture (avulsion) of medial epicondyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.448B	Incarcerated fracture (avulsion) of medial epicondyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.449A	Incarcerated fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.449B	Incarcerated fracture (avulsion) of medial epicondyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.451A	Displaced fracture of lateral condyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.451B	Displaced fracture of lateral condyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.452A	Displaced fracture of lateral condyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.452B	Displaced fracture of lateral condyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.453A	Displaced fracture of lateral condyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.453B	Displaced fracture of lateral condyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.454A	Nondisplaced fracture of lateral condyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.454B	Nondisplaced fracture of lateral condyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.455A	Nondisplaced fracture of lateral condyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.455B	Nondisplaced fracture of lateral condyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.456A	Nondisplaced fracture of lateral condyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.456B	Nondisplaced fracture of lateral condyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.461A	Displaced fracture of medial condyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.461B	Displaced fracture of medial condyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.462A	Displaced fracture of medial condyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.462B	Displaced fracture of medial condyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.463A	Displaced fracture of medial condyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.463B	Displaced fracture of medial condyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.464A	Nondisplaced fracture of medial condyle of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.464B	Nondisplaced fracture of medial condyle of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.465A	Nondisplaced fracture of medial condyle of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.465B	Nondisplaced fracture of medial condyle of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.466A	Nondisplaced fracture of medial condyle of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.466B	Nondisplaced fracture of medial condyle of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.471A	Displaced transcondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.471B	Displaced transcondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.472A	Displaced transcondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.472B	Displaced transcondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.473A	Displaced transcondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.473B	Displaced transcondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.474A	Nondisplaced transcondylar fracture of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.474B	Nondisplaced transcondylar fracture of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.475A	Nondisplaced transcondylar fracture of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.475B	Nondisplaced transcondylar fracture of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.476A	Nondisplaced transcondylar fracture of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.476B	Nondisplaced transcondylar fracture of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.481A	Torus fracture of lower end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.482A	Torus fracture of lower end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.489A	Torus fracture of lower end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.491A	Other displaced fracture of lower end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.491B	Other displaced fracture of lower end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.492A	Other displaced fracture of lower end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.492B	Other displaced fracture of lower end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.493A	Other displaced fracture of lower end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.493B	Other displaced fracture of lower end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.494A	Other nondisplaced fracture of lower end of right humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.494B	Other nondisplaced fracture of lower end of right humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.495A	Other nondisplaced fracture of lower end of left humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.495B	Other nondisplaced fracture of lower end of left humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.496A	Other nondisplaced fracture of lower end of unspecified humerus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S42.496B	Other nondisplaced fracture of lower end of unspecified humerus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.90XA	Fracture of unspecified shoulder girdle, part unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.90XB	Fracture of unspecified shoulder girdle, part unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.91XA	Fracture of right shoulder girdle, part unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.91XB	Fracture of right shoulder girdle, part unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
S42.92XA	Fracture of left shoulder girdle, part unspecified, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S42.92XB	Fracture of left shoulder girdle, part unspecified, initial encounter for open fracture	Diagnosis	ICD-10-CM
S49.001A	Unspecified physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.002A	Unspecified physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.009A	Unspecified physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.011A	Salter-Harris Type I physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.012A	Salter-Harris Type I physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.019A	Salter-Harris Type I physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.021A	Salter-Harris Type II physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.022A	Salter-Harris Type II physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.029A	Salter-Harris Type II physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.031A	Salter-Harris Type III physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.032A	Salter-Harris Type III physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.039A	Salter-Harris Type III physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.041A	Salter-Harris Type IV physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S49.042A	Salter-Harris Type IV physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.049A	Salter-Harris Type IV physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.091A	Other physeal fracture of upper end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.092A	Other physeal fracture of upper end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.099A	Other physeal fracture of upper end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.101A	Unspecified physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.102A	Unspecified physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.109A	Unspecified physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.111A	Salter-Harris Type I physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.112A	Salter-Harris Type I physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.119A	Salter-Harris Type I physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.121A	Salter-Harris Type II physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.122A	Salter-Harris Type II physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.129A	Salter-Harris Type II physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.131A	Salter-Harris Type III physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.132A	Salter-Harris Type III physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.139A	Salter-Harris Type III physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.141A	Salter-Harris Type IV physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.142A	Salter-Harris Type IV physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.149A	Salter-Harris Type IV physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S49.191A	Other physeal fracture of lower end of humerus, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.192A	Other physeal fracture of lower end of humerus, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S49.199A	Other physeal fracture of lower end of humerus, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.001A	Unspecified fracture of upper end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.001B	Unspecified fracture of upper end of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.001C	Unspecified fracture of upper end of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.002A	Unspecified fracture of upper end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.002B	Unspecified fracture of upper end of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.002C	Unspecified fracture of upper end of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.009A	Unspecified fracture of upper end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.009B	Unspecified fracture of upper end of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.009C	Unspecified fracture of upper end of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.011A	Torus fracture of upper end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.012A	Torus fracture of upper end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.019A	Torus fracture of upper end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.021A	Displaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.021B	Displaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.021C	Displaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.022A	Displaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.022B	Displaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.022C	Displaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.023A	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.023B	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.023C	Displaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.024A	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.024B	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.024C	Nondisplaced fracture of olecranon process without intraarticular extension of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.025A	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.025B	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.025C	Nondisplaced fracture of olecranon process without intraarticular extension of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.026A	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.026B	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.026C	Nondisplaced fracture of olecranon process without intraarticular extension of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.031A	Displaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.031B	Displaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.031C	Displaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.032A	Displaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.032B	Displaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.032C	Displaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.033A	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.033B	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.033C	Displaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.034A	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.034B	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.034C	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.035A	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.035B	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.035C	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.036A	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.036B	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.036C	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.041A	Displaced fracture of coronoid process of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.041B	Displaced fracture of coronoid process of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.041C	Displaced fracture of coronoid process of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.042A	Displaced fracture of coronoid process of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.042B	Displaced fracture of coronoid process of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.042C	Displaced fracture of coronoid process of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.043A	Displaced fracture of coronoid process of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.043B	Displaced fracture of coronoid process of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.043C	Displaced fracture of coronoid process of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.044A	Nondisplaced fracture of coronoid process of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.044B	Nondisplaced fracture of coronoid process of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.044C	Nondisplaced fracture of coronoid process of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.045A	Nondisplaced fracture of coronoid process of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.045B	Nondisplaced fracture of coronoid process of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.045C	Nondisplaced fracture of coronoid process of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.046A	Nondisplaced fracture of coronoid process of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.046B	Nondisplaced fracture of coronoid process of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.046C	Nondisplaced fracture of coronoid process of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.091A	Other fracture of upper end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.091B	Other fracture of upper end of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.091C	Other fracture of upper end of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.092A	Other fracture of upper end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.092B	Other fracture of upper end of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.092C	Other fracture of upper end of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.099A	Other fracture of upper end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.099B	Other fracture of upper end of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.099C	Other fracture of upper end of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.101A	Unspecified fracture of upper end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.101B	Unspecified fracture of upper end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.101C	Unspecified fracture of upper end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.102A	Unspecified fracture of upper end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.102B	Unspecified fracture of upper end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.102C	Unspecified fracture of upper end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.109A	Unspecified fracture of upper end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.109B	Unspecified fracture of upper end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.109C	Unspecified fracture of upper end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.111A	Torus fracture of upper end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.112A	Torus fracture of upper end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.119A	Torus fracture of upper end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.121A	Displaced fracture of head of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.121B	Displaced fracture of head of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.121C	Displaced fracture of head of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.122A	Displaced fracture of head of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.122B	Displaced fracture of head of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.122C	Displaced fracture of head of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.123A	Displaced fracture of head of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.123B	Displaced fracture of head of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.123C	Displaced fracture of head of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.124A	Nondisplaced fracture of head of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.124B	Nondisplaced fracture of head of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.124C	Nondisplaced fracture of head of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.125A	Nondisplaced fracture of head of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.125B	Nondisplaced fracture of head of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.125C	Nondisplaced fracture of head of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.126A	Nondisplaced fracture of head of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.126B	Nondisplaced fracture of head of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.126C	Nondisplaced fracture of head of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.131A	Displaced fracture of neck of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.131B	Displaced fracture of neck of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.131C	Displaced fracture of neck of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.132A	Displaced fracture of neck of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.132B	Displaced fracture of neck of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.132C	Displaced fracture of neck of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.133A	Displaced fracture of neck of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.133B	Displaced fracture of neck of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.133C	Displaced fracture of neck of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.134A	Nondisplaced fracture of neck of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.134B	Nondisplaced fracture of neck of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.134C	Nondisplaced fracture of neck of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.135A	Nondisplaced fracture of neck of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.135B	Nondisplaced fracture of neck of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.135C	Nondisplaced fracture of neck of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.136A	Nondisplaced fracture of neck of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.136B	Nondisplaced fracture of neck of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.136C	Nondisplaced fracture of neck of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.181A	Other fracture of upper end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.181B	Other fracture of upper end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.181C	Other fracture of upper end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.182A	Other fracture of upper end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.182B	Other fracture of upper end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.182C	Other fracture of upper end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.189A	Other fracture of upper end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.189B	Other fracture of upper end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.189C	Other fracture of upper end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.201A	Unspecified fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.201B	Unspecified fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.201C	Unspecified fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.202A	Unspecified fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.202B	Unspecified fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.202C	Unspecified fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.209A	Unspecified fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.209B	Unspecified fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.209C	Unspecified fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.211A	Greenstick fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.212A	Greenstick fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.219A	Greenstick fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.221A	Displaced transverse fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.221B	Displaced transverse fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.221C	Displaced transverse fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.222A	Displaced transverse fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.222B	Displaced transverse fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.222C	Displaced transverse fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.223A	Displaced transverse fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.223B	Displaced transverse fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.223C	Displaced transverse fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.224A	Nondisplaced transverse fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.224B	Nondisplaced transverse fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.224C	Nondisplaced transverse fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.225A	Nondisplaced transverse fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.225B	Nondisplaced transverse fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.225C	Nondisplaced transverse fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.226A	Nondisplaced transverse fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.226B	Nondisplaced transverse fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.226C	Nondisplaced transverse fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.231A	Displaced oblique fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.231B	Displaced oblique fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.231C	Displaced oblique fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.232A	Displaced oblique fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.232B	Displaced oblique fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.232C	Displaced oblique fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.233A	Displaced oblique fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.233B	Displaced oblique fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.233C	Displaced oblique fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.234A	Nondisplaced oblique fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.234B	Nondisplaced oblique fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.234C	Nondisplaced oblique fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.235A	Nondisplaced oblique fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.235B	Nondisplaced oblique fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.235C	Nondisplaced oblique fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.236A	Nondisplaced oblique fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.236B	Nondisplaced oblique fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.236C	Nondisplaced oblique fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.241A	Displaced spiral fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.241B	Displaced spiral fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.241C	Displaced spiral fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.242A	Displaced spiral fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.242B	Displaced spiral fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.242C	Displaced spiral fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.243A	Displaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.243B	Displaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.243C	Displaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.244A	Nondisplaced spiral fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.244B	Nondisplaced spiral fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.244C	Nondisplaced spiral fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.245A	Nondisplaced spiral fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.245B	Nondisplaced spiral fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.245C	Nondisplaced spiral fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.246A	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.246B	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.246C	Nondisplaced spiral fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.251A	Displaced comminuted fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.251B	Displaced comminuted fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.251C	Displaced comminuted fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.252A	Displaced comminuted fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.252B	Displaced comminuted fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.252C	Displaced comminuted fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.253A	Displaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.253B	Displaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.253C	Displaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.254A	Nondisplaced comminuted fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.254B	Nondisplaced comminuted fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.254C	Nondisplaced comminuted fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.255A	Nondisplaced comminuted fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.255B	Nondisplaced comminuted fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.255C	Nondisplaced comminuted fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.256A	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.256B	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.256C	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.261A	Displaced segmental fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.261B	Displaced segmental fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.261C	Displaced segmental fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.262A	Displaced segmental fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.262B	Displaced segmental fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.262C	Displaced segmental fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.263A	Displaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.263B	Displaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.263C	Displaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.264A	Nondisplaced segmental fracture of shaft of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.264B	Nondisplaced segmental fracture of shaft of ulna, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.264C	Nondisplaced segmental fracture of shaft of ulna, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.265A	Nondisplaced segmental fracture of shaft of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.265B	Nondisplaced segmental fracture of shaft of ulna, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.265C	Nondisplaced segmental fracture of shaft of ulna, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.266A	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.266B	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.266C	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.271A	Monteggia's fracture of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.271B	Monteggia's fracture of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.271C	Monteggia's fracture of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.272A	Monteggia's fracture of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.272B	Monteggia's fracture of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.272C	Monteggia's fracture of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.279A	Monteggia's fracture of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.279B	Monteggia's fracture of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.279C	Monteggia's fracture of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.281A	Bent bone of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.281B	Bent bone of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.281C	Bent bone of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.282A	Bent bone of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.282B	Bent bone of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.282C	Bent bone of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.283A	Bent bone of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.283B	Bent bone of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.283C	Bent bone of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.291A	Other fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.291B	Other fracture of shaft of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.291C	Other fracture of shaft of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.292A	Other fracture of shaft of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.292B	Other fracture of shaft of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.292C	Other fracture of shaft of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.299A	Other fracture of shaft of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.299B	Other fracture of shaft of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.299C	Other fracture of shaft of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.301A	Unspecified fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.301B	Unspecified fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.301C	Unspecified fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.302A	Unspecified fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.302B	Unspecified fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.302C	Unspecified fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.309A	Unspecified fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.309B	Unspecified fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.309C	Unspecified fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.311A	Greenstick fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.312A	Greenstick fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.319A	Greenstick fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.321A	Displaced transverse fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.321B	Displaced transverse fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.321C	Displaced transverse fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.322A	Displaced transverse fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.322B	Displaced transverse fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.322C	Displaced transverse fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.323A	Displaced transverse fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.323B	Displaced transverse fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.323C	Displaced transverse fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.324A	Nondisplaced transverse fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.324B	Nondisplaced transverse fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.324C	Nondisplaced transverse fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.325A	Nondisplaced transverse fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.325B	Nondisplaced transverse fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.325C	Nondisplaced transverse fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.326A	Nondisplaced transverse fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.326B	Nondisplaced transverse fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.326C	Nondisplaced transverse fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.331A	Displaced oblique fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.331B	Displaced oblique fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.331C	Displaced oblique fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.332A	Displaced oblique fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.332B	Displaced oblique fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.332C	Displaced oblique fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.333A	Displaced oblique fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.333B	Displaced oblique fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.333C	Displaced oblique fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.334A	Nondisplaced oblique fracture of shaft of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.334B	Nondisplaced oblique fracture of shaft of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.334C	Nondisplaced oblique fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.335A	Nondisplaced oblique fracture of shaft of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.335B	Nondisplaced oblique fracture of shaft of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.335C	Nondisplaced oblique fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.336A	Nondisplaced oblique fracture of shaft of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.336B	Nondisplaced oblique fracture of shaft of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.336C	Nondisplaced oblique fracture of shaft of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.341A	Displaced spiral fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.341B	Displaced spiral fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.341C	Displaced spiral fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.342A	Displaced spiral fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.342B	Displaced spiral fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.342C	Displaced spiral fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.343A	Displaced spiral fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.343B	Displaced spiral fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.343C	Displaced spiral fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.344A	Nondisplaced spiral fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.344B	Nondisplaced spiral fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.344C	Nondisplaced spiral fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.345A	Nondisplaced spiral fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.345B	Nondisplaced spiral fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.345C	Nondisplaced spiral fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.346A	Nondisplaced spiral fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.346B	Nondisplaced spiral fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.346C	Nondisplaced spiral fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.351A	Displaced comminuted fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.351B	Displaced comminuted fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.351C	Displaced comminuted fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.352A	Displaced comminuted fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.352B	Displaced comminuted fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.352C	Displaced comminuted fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.353A	Displaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.353B	Displaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.353C	Displaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.354A	Nondisplaced comminuted fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.354B	Nondisplaced comminuted fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.354C	Nondisplaced comminuted fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.355A	Nondisplaced comminuted fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.355B	Nondisplaced comminuted fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.355C	Nondisplaced comminuted fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.356A	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.356B	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.356C	Nondisplaced comminuted fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.361A	Displaced segmental fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.361B	Displaced segmental fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.361C	Displaced segmental fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.362A	Displaced segmental fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.362B	Displaced segmental fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.362C	Displaced segmental fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.363A	Displaced segmental fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.363B	Displaced segmental fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.363C	Displaced segmental fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.364A	Nondisplaced segmental fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.364B	Nondisplaced segmental fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.364C	Nondisplaced segmental fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.365A	Nondisplaced segmental fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.365B	Nondisplaced segmental fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.365C	Nondisplaced segmental fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.366A	Nondisplaced segmental fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.366B	Nondisplaced segmental fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.366C	Nondisplaced segmental fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.371A	Galeazzi's fracture of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.371B	Galeazzi's fracture of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.371C	Galeazzi's fracture of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.372A	Galeazzi's fracture of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.372B	Galeazzi's fracture of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.372C	Galeazzi's fracture of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.379A	Galeazzi's fracture of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.379B	Galeazzi's fracture of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.379C	Galeazzi's fracture of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.381A	Bent bone of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.381B	Bent bone of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.381C	Bent bone of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.382A	Bent bone of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.382B	Bent bone of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.382C	Bent bone of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.389A	Bent bone of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.389B	Bent bone of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.389C	Bent bone of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.391A	Other fracture of shaft of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.391B	Other fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.391C	Other fracture of shaft of radius, right arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.392A	Other fracture of shaft of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.392B	Other fracture of shaft of radius, left arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.392C	Other fracture of shaft of radius, left arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.399A	Other fracture of shaft of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.399B	Other fracture of shaft of radius, unspecified arm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.399C	Other fracture of shaft of radius, unspecified arm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.501A	Unspecified fracture of the lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.501B	Unspecified fracture of the lower end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.501C	Unspecified fracture of the lower end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.502A	Unspecified fracture of the lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.502B	Unspecified fracture of the lower end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.502C	Unspecified fracture of the lower end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.509A	Unspecified fracture of the lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.509B	Unspecified fracture of the lower end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.509C	Unspecified fracture of the lower end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.511A	Displaced fracture of right radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.511B	Displaced fracture of right radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.511C	Displaced fracture of right radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.512A	Displaced fracture of left radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.512B	Displaced fracture of left radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.512C	Displaced fracture of left radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.513A	Displaced fracture of unspecified radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.513B	Displaced fracture of unspecified radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.513C	Displaced fracture of unspecified radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.514A	Nondisplaced fracture of right radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.514B	Nondisplaced fracture of right radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.514C	Nondisplaced fracture of right radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.515A	Nondisplaced fracture of left radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.515B	Nondisplaced fracture of left radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.515C	Nondisplaced fracture of left radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.516A	Nondisplaced fracture of unspecified radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.516B	Nondisplaced fracture of unspecified radial styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.516C	Nondisplaced fracture of unspecified radial styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.521A	Torus fracture of lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.522A	Torus fracture of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.529A	Torus fracture of lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.531A	Colles' fracture of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.531B	Colles' fracture of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.531C	Colles' fracture of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.532A	Colles' fracture of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.532B	Colles' fracture of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.532C	Colles' fracture of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.539A	Colles' fracture of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.539B	Colles' fracture of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.539C	Colles' fracture of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.541A	Smith's fracture of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.541B	Smith's fracture of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.541C	Smith's fracture of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.542A	Smith's fracture of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.542B	Smith's fracture of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.542C	Smith's fracture of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.549A	Smith's fracture of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.549B	Smith's fracture of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.549C	Smith's fracture of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.551A	Other extraarticular fracture of lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.551B	Other extraarticular fracture of lower end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.551C	Other extraarticular fracture of lower end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.552A	Other extraarticular fracture of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.552B	Other extraarticular fracture of lower end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.552C	Other extraarticular fracture of lower end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.559A	Other extraarticular fracture of lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.559B	Other extraarticular fracture of lower end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.559C	Other extraarticular fracture of lower end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.561A	Barton's fracture of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.561B	Barton's fracture of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.561C	Barton's fracture of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.562A	Barton's fracture of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.562B	Barton's fracture of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.562C	Barton's fracture of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.569A	Barton's fracture of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.569B	Barton's fracture of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.569C	Barton's fracture of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.571A	Other intraarticular fracture of lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.571B	Other intraarticular fracture of lower end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.571C	Other intraarticular fracture of lower end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.572A	Other intraarticular fracture of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.572B	Other intraarticular fracture of lower end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.572C	Other intraarticular fracture of lower end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.579A	Other intraarticular fracture of lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.579B	Other intraarticular fracture of lower end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.579C	Other intraarticular fracture of lower end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.591A	Other fractures of lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.591B	Other fractures of lower end of right radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.591C	Other fractures of lower end of right radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.592A	Other fractures of lower end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.592B	Other fractures of lower end of left radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.592C	Other fractures of lower end of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.599A	Other fractures of lower end of unspecified radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.599B	Other fractures of lower end of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.599C	Other fractures of lower end of unspecified radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.601A	Unspecified fracture of lower end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.601B	Unspecified fracture of lower end of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.601C	Unspecified fracture of lower end of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.602A	Unspecified fracture of lower end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.602B	Unspecified fracture of lower end of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.602C	Unspecified fracture of lower end of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.609A	Unspecified fracture of lower end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.609B	Unspecified fracture of lower end of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.609C	Unspecified fracture of lower end of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.611A	Displaced fracture of right ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.611B	Displaced fracture of right ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.611C	Displaced fracture of right ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.612A	Displaced fracture of left ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.612B	Displaced fracture of left ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.612C	Displaced fracture of left ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.613A	Displaced fracture of unspecified ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.613B	Displaced fracture of unspecified ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.613C	Displaced fracture of unspecified ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.614A	Nondisplaced fracture of right ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.614B	Nondisplaced fracture of right ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.614C	Nondisplaced fracture of right ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.615A	Nondisplaced fracture of left ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.615B	Nondisplaced fracture of left ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.615C	Nondisplaced fracture of left ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.616A	Nondisplaced fracture of unspecified ulna styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.616B	Nondisplaced fracture of unspecified ulna styloid process, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.616C	Nondisplaced fracture of unspecified ulna styloid process, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.621A	Torus fracture of lower end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.622A	Torus fracture of lower end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.629A	Torus fracture of lower end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.691A	Other fracture of lower end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.691B	Other fracture of lower end of right ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.691C	Other fracture of lower end of right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.692A	Other fracture of lower end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.692B	Other fracture of lower end of left ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.692C	Other fracture of lower end of left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.699A	Other fracture of lower end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.699B	Other fracture of lower end of unspecified ulna, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.699C	Other fracture of lower end of unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.90XA	Unspecified fracture of unspecified forearm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.90XB	Unspecified fracture of unspecified forearm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.90XC	Unspecified fracture of unspecified forearm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.91XA	Unspecified fracture of right forearm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S52.91XB	Unspecified fracture of right forearm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.91XC	Unspecified fracture of right forearm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S52.92XA	Unspecified fracture of left forearm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.92XB	Unspecified fracture of left forearm, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S52.92XC	Unspecified fracture of left forearm, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S59.001A	Unspecified physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.002A	Unspecified physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.009A	Unspecified physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.011A	Salter-Harris Type I physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.012A	Salter-Harris Type I physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.019A	Salter-Harris Type I physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.021A	Salter-Harris Type II physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.022A	Salter-Harris Type II physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.029A	Salter-Harris Type II physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.031A	Salter-Harris Type III physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.032A	Salter-Harris Type III physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.039A	Salter-Harris Type III physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.041A	Salter-Harris Type IV physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.042A	Salter-Harris Type IV physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.049A	Salter-Harris Type IV physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.091A	Other physeal fracture of lower end of ulna, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S59.092A	Other physeal fracture of lower end of ulna, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.099A	Other physeal fracture of lower end of ulna, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.101A	Unspecified physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.102A	Unspecified physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.109A	Unspecified physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.111A	Salter-Harris Type I physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.112A	Salter-Harris Type I physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.119A	Salter-Harris Type I physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.121A	Salter-Harris Type II physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.122A	Salter-Harris Type II physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.129A	Salter-Harris Type II physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.131A	Salter-Harris Type III physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.132A	Salter-Harris Type III physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.139A	Salter-Harris Type III physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.141A	Salter-Harris Type IV physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.142A	Salter-Harris Type IV physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.149A	Salter-Harris Type IV physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.191A	Other physeal fracture of upper end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.192A	Other physeal fracture of upper end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.199A	Other physeal fracture of upper end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S59.201A	Unspecified physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.202A	Unspecified physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.209A	Unspecified physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.211A	Salter-Harris Type I physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.212A	Salter-Harris Type I physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.219A	Salter-Harris Type I physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.221A	Salter-Harris Type II physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.222A	Salter-Harris Type II physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.229A	Salter-Harris Type II physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.231A	Salter-Harris Type III physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.232A	Salter-Harris Type III physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.239A	Salter-Harris Type III physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.241A	Salter-Harris Type IV physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.242A	Salter-Harris Type IV physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.249A	Salter-Harris Type IV physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.291A	Other physeal fracture of lower end of radius, right arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.292A	Other physeal fracture of lower end of radius, left arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S59.299A	Other physeal fracture of lower end of radius, unspecified arm, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.001A	Unspecified fracture of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.001B	Unspecified fracture of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.002A	Unspecified fracture of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.002B	Unspecified fracture of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.009A	Unspecified fracture of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.009B	Unspecified fracture of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.011A	Displaced fracture of distal pole of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.011B	Displaced fracture of distal pole of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.012A	Displaced fracture of distal pole of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.012B	Displaced fracture of distal pole of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.013A	Displaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.013B	Displaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.014A	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.014B	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.015A	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.015B	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.016A	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.016B	Nondisplaced fracture of distal pole of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.021A	Displaced fracture of middle third of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.021B	Displaced fracture of middle third of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.022A	Displaced fracture of middle third of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.022B	Displaced fracture of middle third of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.023A	Displaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.023B	Displaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.024A	Nondisplaced fracture of middle third of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.024B	Nondisplaced fracture of middle third of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.025A	Nondisplaced fracture of middle third of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.025B	Nondisplaced fracture of middle third of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.026A	Nondisplaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.026B	Nondisplaced fracture of middle third of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.031A	Displaced fracture of proximal third of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.031B	Displaced fracture of proximal third of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.032A	Displaced fracture of proximal third of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.032B	Displaced fracture of proximal third of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.033A	Displaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.033B	Displaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.034A	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.034B	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.035A	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.035B	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.036A	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.036B	Nondisplaced fracture of proximal third of navicular [scaphoid] bone of unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.101A	Fracture of unspecified carpal bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.101B	Fracture of unspecified carpal bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.102A	Fracture of unspecified carpal bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.102B	Fracture of unspecified carpal bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.109A	Fracture of unspecified carpal bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.109B	Fracture of unspecified carpal bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.111A	Displaced fracture of triquetrum [cuneiform] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.111B	Displaced fracture of triquetrum [cuneiform] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.112A	Displaced fracture of triquetrum [cuneiform] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.112B	Displaced fracture of triquetrum [cuneiform] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.113A	Displaced fracture of triquetrum [cuneiform] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.113B	Displaced fracture of triquetrum [cuneiform] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.114A	Nondisplaced fracture of triquetrum [cuneiform] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.114B	Nondisplaced fracture of triquetrum [cuneiform] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.115A	Nondisplaced fracture of triquetrum [cuneiform] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.115B	Nondisplaced fracture of triquetrum [cuneiform] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.116A	Nondisplaced fracture of triquetrum [cuneiform] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.116B	Nondisplaced fracture of triquetrum [cuneiform] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.121A	Displaced fracture of lunate [semilunar], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.121B	Displaced fracture of lunate [semilunar], right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.122A	Displaced fracture of lunate [semilunar], left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.122B	Displaced fracture of lunate [semilunar], left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.123A	Displaced fracture of lunate [semilunar], unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.123B	Displaced fracture of lunate [semilunar], unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.124A	Nondisplaced fracture of lunate [semilunar], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.124B	Nondisplaced fracture of lunate [semilunar], right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.125A	Nondisplaced fracture of lunate [semilunar], left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.125B	Nondisplaced fracture of lunate [semilunar], left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.126A	Nondisplaced fracture of lunate [semilunar], unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.126B	Nondisplaced fracture of lunate [semilunar], unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.131A	Displaced fracture of capitate [os magnum] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.131B	Displaced fracture of capitate [os magnum] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.132A	Displaced fracture of capitate [os magnum] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.132B	Displaced fracture of capitate [os magnum] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.133A	Displaced fracture of capitate [os magnum] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.133B	Displaced fracture of capitate [os magnum] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.134A	Nondisplaced fracture of capitate [os magnum] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.134B	Nondisplaced fracture of capitate [os magnum] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.135A	Nondisplaced fracture of capitate [os magnum] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.135B	Nondisplaced fracture of capitate [os magnum] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.136A	Nondisplaced fracture of capitate [os magnum] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.136B	Nondisplaced fracture of capitate [os magnum] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.141A	Displaced fracture of body of hamate [unciform] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.141B	Displaced fracture of body of hamate [unciform] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.142A	Displaced fracture of body of hamate [unciform] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.142B	Displaced fracture of body of hamate [unciform] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.143A	Displaced fracture of body of hamate [unciform] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.143B	Displaced fracture of body of hamate [unciform] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.144A	Nondisplaced fracture of body of hamate [unciform] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.144B	Nondisplaced fracture of body of hamate [unciform] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.145A	Nondisplaced fracture of body of hamate [unciform] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.145B	Nondisplaced fracture of body of hamate [unciform] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.146A	Nondisplaced fracture of body of hamate [unciform] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.146B	Nondisplaced fracture of body of hamate [unciform] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.151A	Displaced fracture of hook process of hamate [unciform] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.151B	Displaced fracture of hook process of hamate [unciform] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.152A	Displaced fracture of hook process of hamate [unciform] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.152B	Displaced fracture of hook process of hamate [unciform] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.153A	Displaced fracture of hook process of hamate [unciform] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.153B	Displaced fracture of hook process of hamate [unciform] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.154A	Nondisplaced fracture of hook process of hamate [unciform] bone, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.154B	Nondisplaced fracture of hook process of hamate [unciform] bone, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.155A	Nondisplaced fracture of hook process of hamate [unciform] bone, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.155B	Nondisplaced fracture of hook process of hamate [unciform] bone, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.156A	Nondisplaced fracture of hook process of hamate [unciform] bone, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.156B	Nondisplaced fracture of hook process of hamate [unciform] bone, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.161A	Displaced fracture of pisiform, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.161B	Displaced fracture of pisiform, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.162A	Displaced fracture of pisiform, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.162B	Displaced fracture of pisiform, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.163A	Displaced fracture of pisiform, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.163B	Displaced fracture of pisiform, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.164A	Nondisplaced fracture of pisiform, right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.164B	Nondisplaced fracture of pisiform, right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.165A	Nondisplaced fracture of pisiform, left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.165B	Nondisplaced fracture of pisiform, left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.166A	Nondisplaced fracture of pisiform, unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.166B	Nondisplaced fracture of pisiform, unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.171A	Displaced fracture of trapezium [larger multangular], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.171B	Displaced fracture of trapezium [larger multangular], right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.172A	Displaced fracture of trapezium [larger multangular], left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.172B	Displaced fracture of trapezium [larger multangular], left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.173A	Displaced fracture of trapezium [larger multangular], unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.173B	Displaced fracture of trapezium [larger multangular], unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.174A	Nondisplaced fracture of trapezium [larger multangular], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.174B	Nondisplaced fracture of trapezium [larger multangular], right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.175A	Nondisplaced fracture of trapezium [larger multangular], left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.175B	Nondisplaced fracture of trapezium [larger multangular], left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.176A	Nondisplaced fracture of trapezium [larger multangular], unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.176B	Nondisplaced fracture of trapezium [larger multangular], unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.181A	Displaced fracture of trapezoid [smaller multangular], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.181B	Displaced fracture of trapezoid [smaller multangular], right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.182A	Displaced fracture of trapezoid [smaller multangular], left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.182B	Displaced fracture of trapezoid [smaller multangular], left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.183A	Displaced fracture of trapezoid [smaller multangular], unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.183B	Displaced fracture of trapezoid [smaller multangular], unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.184A	Nondisplaced fracture of trapezoid [smaller multangular], right wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.184B	Nondisplaced fracture of trapezoid [smaller multangular], right wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.185A	Nondisplaced fracture of trapezoid [smaller multangular], left wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.185B	Nondisplaced fracture of trapezoid [smaller multangular], left wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.186A	Nondisplaced fracture of trapezoid [smaller multangular], unspecified wrist, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.186B	Nondisplaced fracture of trapezoid [smaller multangular], unspecified wrist, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.201A	Unspecified fracture of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.201B	Unspecified fracture of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.202A	Unspecified fracture of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.202B	Unspecified fracture of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.209A	Unspecified fracture of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.209B	Unspecified fracture of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.211A	Bennett's fracture, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.211B	Bennett's fracture, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.212A	Bennett's fracture, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.212B	Bennett's fracture, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.213A	Bennett's fracture, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.213B	Bennett's fracture, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.221A	Displaced Rolando's fracture, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.221B	Displaced Rolando's fracture, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.222A	Displaced Rolando's fracture, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.222B	Displaced Rolando's fracture, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.223A	Displaced Rolando's fracture, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.223B	Displaced Rolando's fracture, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.224A	Nondisplaced Rolando's fracture, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.224B	Nondisplaced Rolando's fracture, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.225A	Nondisplaced Rolando's fracture, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.225B	Nondisplaced Rolando's fracture, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.226A	Nondisplaced Rolando's fracture, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.226B	Nondisplaced Rolando's fracture, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.231A	Other displaced fracture of base of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.231B	Other displaced fracture of base of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.232A	Other displaced fracture of base of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.232B	Other displaced fracture of base of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.233A	Other displaced fracture of base of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.233B	Other displaced fracture of base of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.234A	Other nondisplaced fracture of base of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.234B	Other nondisplaced fracture of base of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.235A	Other nondisplaced fracture of base of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.235B	Other nondisplaced fracture of base of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.236A	Other nondisplaced fracture of base of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.236B	Other nondisplaced fracture of base of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.241A	Displaced fracture of shaft of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.241B	Displaced fracture of shaft of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.242A	Displaced fracture of shaft of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.242B	Displaced fracture of shaft of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.243A	Displaced fracture of shaft of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.243B	Displaced fracture of shaft of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.244A	Nondisplaced fracture of shaft of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.244B	Nondisplaced fracture of shaft of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.245A	Nondisplaced fracture of shaft of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.245B	Nondisplaced fracture of shaft of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.246A	Nondisplaced fracture of shaft of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.246B	Nondisplaced fracture of shaft of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.251A	Displaced fracture of neck of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.251B	Displaced fracture of neck of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.252A	Displaced fracture of neck of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.252B	Displaced fracture of neck of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.253A	Displaced fracture of neck of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.253B	Displaced fracture of neck of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.254A	Nondisplaced fracture of neck of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.254B	Nondisplaced fracture of neck of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.255A	Nondisplaced fracture of neck of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.255B	Nondisplaced fracture of neck of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.256A	Nondisplaced fracture of neck of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.256B	Nondisplaced fracture of neck of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.291A	Other fracture of first metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.291B	Other fracture of first metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.292A	Other fracture of first metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.292B	Other fracture of first metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.299A	Other fracture of first metacarpal bone, unspecified hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.299B	Other fracture of first metacarpal bone, unspecified hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.300A	Unspecified fracture of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.300B	Unspecified fracture of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.301A	Unspecified fracture of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.301B	Unspecified fracture of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.302A	Unspecified fracture of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.302B	Unspecified fracture of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.303A	Unspecified fracture of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.303B	Unspecified fracture of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.304A	Unspecified fracture of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.304B	Unspecified fracture of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.305A	Unspecified fracture of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.305B	Unspecified fracture of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.306A	Unspecified fracture of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.306B	Unspecified fracture of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.307A	Unspecified fracture of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.307B	Unspecified fracture of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.308A	Unspecified fracture of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.308B	Unspecified fracture of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.309A	Unspecified fracture of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.309B	Unspecified fracture of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.310A	Displaced fracture of base of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.310B	Displaced fracture of base of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.311A	Displaced fracture of base of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.311B	Displaced fracture of base of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.312A	Displaced fracture of base of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.312B	Displaced fracture of base of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.313A	Displaced fracture of base of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.313B	Displaced fracture of base of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.314A	Displaced fracture of base of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.314B	Displaced fracture of base of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.315A	Displaced fracture of base of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.315B	Displaced fracture of base of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.316A	Displaced fracture of base of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.316B	Displaced fracture of base of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.317A	Displaced fracture of base of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.317B	Displaced fracture of base of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.318A	Displaced fracture of base of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.318B	Displaced fracture of base of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.319A	Displaced fracture of base of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.319B	Displaced fracture of base of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.320A	Displaced fracture of shaft of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.320B	Displaced fracture of shaft of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.321A	Displaced fracture of shaft of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.321B	Displaced fracture of shaft of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.322A	Displaced fracture of shaft of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.322B	Displaced fracture of shaft of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.323A	Displaced fracture of shaft of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.323B	Displaced fracture of shaft of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.324A	Displaced fracture of shaft of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.324B	Displaced fracture of shaft of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.325A	Displaced fracture of shaft of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.325B	Displaced fracture of shaft of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.326A	Displaced fracture of shaft of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.326B	Displaced fracture of shaft of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.327A	Displaced fracture of shaft of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.327B	Displaced fracture of shaft of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.328A	Displaced fracture of shaft of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.328B	Displaced fracture of shaft of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.329A	Displaced fracture of shaft of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.329B	Displaced fracture of shaft of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.330A	Displaced fracture of neck of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.330B	Displaced fracture of neck of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.331A	Displaced fracture of neck of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.331B	Displaced fracture of neck of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.332A	Displaced fracture of neck of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.332B	Displaced fracture of neck of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.333A	Displaced fracture of neck of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.333B	Displaced fracture of neck of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.334A	Displaced fracture of neck of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.334B	Displaced fracture of neck of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.335A	Displaced fracture of neck of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.335B	Displaced fracture of neck of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.336A	Displaced fracture of neck of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.336B	Displaced fracture of neck of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.337A	Displaced fracture of neck of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.337B	Displaced fracture of neck of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.338A	Displaced fracture of neck of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.338B	Displaced fracture of neck of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.339A	Displaced fracture of neck of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.339B	Displaced fracture of neck of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.340A	Nondisplaced fracture of base of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.340B	Nondisplaced fracture of base of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.341A	Nondisplaced fracture of base of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.341B	Nondisplaced fracture of base of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.342A	Nondisplaced fracture of base of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.342B	Nondisplaced fracture of base of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.343A	Nondisplaced fracture of base of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.343B	Nondisplaced fracture of base of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.344A	Nondisplaced fracture of base of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.344B	Nondisplaced fracture of base of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.345A	Nondisplaced fracture of base of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.345B	Nondisplaced fracture of base of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.346A	Nondisplaced fracture of base of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.346B	Nondisplaced fracture of base of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.347A	Nondisplaced fracture of base of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.347B	Nondisplaced fracture of base of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.348A	Nondisplaced fracture of base of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.348B	Nondisplaced fracture of base of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.349A	Nondisplaced fracture of base of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.349B	Nondisplaced fracture of base of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.350A	Nondisplaced fracture of shaft of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.350B	Nondisplaced fracture of shaft of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.351A	Nondisplaced fracture of shaft of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.351B	Nondisplaced fracture of shaft of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.352A	Nondisplaced fracture of shaft of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.352B	Nondisplaced fracture of shaft of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.353A	Nondisplaced fracture of shaft of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.353B	Nondisplaced fracture of shaft of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.354A	Nondisplaced fracture of shaft of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.354B	Nondisplaced fracture of shaft of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.355A	Nondisplaced fracture of shaft of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.355B	Nondisplaced fracture of shaft of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.356A	Nondisplaced fracture of shaft of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.356B	Nondisplaced fracture of shaft of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.357A	Nondisplaced fracture of shaft of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.357B	Nondisplaced fracture of shaft of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.358A	Nondisplaced fracture of shaft of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.358B	Nondisplaced fracture of shaft of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.359A	Nondisplaced fracture of shaft of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.359B	Nondisplaced fracture of shaft of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.360A	Nondisplaced fracture of neck of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.360B	Nondisplaced fracture of neck of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.361A	Nondisplaced fracture of neck of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.361B	Nondisplaced fracture of neck of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.362A	Nondisplaced fracture of neck of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.362B	Nondisplaced fracture of neck of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.363A	Nondisplaced fracture of neck of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.363B	Nondisplaced fracture of neck of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.364A	Nondisplaced fracture of neck of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.364B	Nondisplaced fracture of neck of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.365A	Nondisplaced fracture of neck of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.365B	Nondisplaced fracture of neck of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.366A	Nondisplaced fracture of neck of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.366B	Nondisplaced fracture of neck of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.367A	Nondisplaced fracture of neck of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.367B	Nondisplaced fracture of neck of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.368A	Nondisplaced fracture of neck of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.368B	Nondisplaced fracture of neck of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.369A	Nondisplaced fracture of neck of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.369B	Nondisplaced fracture of neck of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.390A	Other fracture of second metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.390B	Other fracture of second metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.391A	Other fracture of second metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.391B	Other fracture of second metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.392A	Other fracture of third metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.392B	Other fracture of third metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.393A	Other fracture of third metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.393B	Other fracture of third metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.394A	Other fracture of fourth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.394B	Other fracture of fourth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.395A	Other fracture of fourth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.395B	Other fracture of fourth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.396A	Other fracture of fifth metacarpal bone, right hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.396B	Other fracture of fifth metacarpal bone, right hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.397A	Other fracture of fifth metacarpal bone, left hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.397B	Other fracture of fifth metacarpal bone, left hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.398A	Other fracture of other metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.398B	Other fracture of other metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.399A	Other fracture of unspecified metacarpal bone, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.399B	Other fracture of unspecified metacarpal bone, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.501A	Fracture of unspecified phalanx of right thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.501B	Fracture of unspecified phalanx of right thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.502A	Fracture of unspecified phalanx of left thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.502B	Fracture of unspecified phalanx of left thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.509A	Fracture of unspecified phalanx of unspecified thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.509B	Fracture of unspecified phalanx of unspecified thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.511A	Displaced fracture of proximal phalanx of right thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.511B	Displaced fracture of proximal phalanx of right thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.512A	Displaced fracture of proximal phalanx of left thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.512B	Displaced fracture of proximal phalanx of left thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.513A	Displaced fracture of proximal phalanx of unspecified thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.513B	Displaced fracture of proximal phalanx of unspecified thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.514A	Nondisplaced fracture of proximal phalanx of right thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.514B	Nondisplaced fracture of proximal phalanx of right thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.515A	Nondisplaced fracture of proximal phalanx of left thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.515B	Nondisplaced fracture of proximal phalanx of left thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.516A	Nondisplaced fracture of proximal phalanx of unspecified thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.516B	Nondisplaced fracture of proximal phalanx of unspecified thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.521A	Displaced fracture of distal phalanx of right thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.521B	Displaced fracture of distal phalanx of right thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.522A	Displaced fracture of distal phalanx of left thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.522B	Displaced fracture of distal phalanx of left thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.523A	Displaced fracture of distal phalanx of unspecified thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.523B	Displaced fracture of distal phalanx of unspecified thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.524A	Nondisplaced fracture of distal phalanx of right thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.524B	Nondisplaced fracture of distal phalanx of right thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.525A	Nondisplaced fracture of distal phalanx of left thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.525B	Nondisplaced fracture of distal phalanx of left thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.526A	Nondisplaced fracture of distal phalanx of unspecified thumb, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.526B	Nondisplaced fracture of distal phalanx of unspecified thumb, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.600A	Fracture of unspecified phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.600B	Fracture of unspecified phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.601A	Fracture of unspecified phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.601B	Fracture of unspecified phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.602A	Fracture of unspecified phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.602B	Fracture of unspecified phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.603A	Fracture of unspecified phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.603B	Fracture of unspecified phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.604A	Fracture of unspecified phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.604B	Fracture of unspecified phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.605A	Fracture of unspecified phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.605B	Fracture of unspecified phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.606A	Fracture of unspecified phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.606B	Fracture of unspecified phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.607A	Fracture of unspecified phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.607B	Fracture of unspecified phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.608A	Fracture of unspecified phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.608B	Fracture of unspecified phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.609A	Fracture of unspecified phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.609B	Fracture of unspecified phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.610A	Displaced fracture of proximal phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.610B	Displaced fracture of proximal phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.611A	Displaced fracture of proximal phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.611B	Displaced fracture of proximal phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.612A	Displaced fracture of proximal phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.612B	Displaced fracture of proximal phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.613A	Displaced fracture of proximal phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.613B	Displaced fracture of proximal phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.614A	Displaced fracture of proximal phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.614B	Displaced fracture of proximal phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.615A	Displaced fracture of proximal phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.615B	Displaced fracture of proximal phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.616A	Displaced fracture of proximal phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.616B	Displaced fracture of proximal phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.617A	Displaced fracture of proximal phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.617B	Displaced fracture of proximal phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.618A	Displaced fracture of proximal phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.618B	Displaced fracture of proximal phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.619A	Displaced fracture of proximal phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.619B	Displaced fracture of proximal phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.620A	Displaced fracture of middle phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.620B	Displaced fracture of middle phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.621A	Displaced fracture of middle phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.621B	Displaced fracture of middle phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.622A	Displaced fracture of middle phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.622B	Displaced fracture of middle phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.623A	Displaced fracture of middle phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.623B	Displaced fracture of middle phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.624A	Displaced fracture of middle phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.624B	Displaced fracture of middle phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.625A	Displaced fracture of middle phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.625B	Displaced fracture of middle phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.626A	Displaced fracture of medial phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.626B	Displaced fracture of medial phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.627A	Displaced fracture of medial phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.627B	Displaced fracture of medial phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.628A	Displaced fracture of medial phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.628B	Displaced fracture of medial phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.629A	Displaced fracture of medial phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.629B	Displaced fracture of medial phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.630A	Displaced fracture of distal phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.630B	Displaced fracture of distal phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.631A	Displaced fracture of distal phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.631B	Displaced fracture of distal phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.632A	Displaced fracture of distal phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.632B	Displaced fracture of distal phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.633A	Displaced fracture of distal phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.633B	Displaced fracture of distal phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.634A	Displaced fracture of distal phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.634B	Displaced fracture of distal phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.635A	Displaced fracture of distal phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.635B	Displaced fracture of distal phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.636A	Displaced fracture of distal phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.636B	Displaced fracture of distal phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.637A	Displaced fracture of distal phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.637B	Displaced fracture of distal phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.638A	Displaced fracture of distal phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.638B	Displaced fracture of distal phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.639A	Displaced fracture of distal phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.639B	Displaced fracture of distal phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.640A	Nondisplaced fracture of proximal phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.640B	Nondisplaced fracture of proximal phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.641A	Nondisplaced fracture of proximal phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.641B	Nondisplaced fracture of proximal phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.642A	Nondisplaced fracture of proximal phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.642B	Nondisplaced fracture of proximal phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.643A	Nondisplaced fracture of proximal phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.643B	Nondisplaced fracture of proximal phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.644A	Nondisplaced fracture of proximal phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.644B	Nondisplaced fracture of proximal phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.645A	Nondisplaced fracture of proximal phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.645B	Nondisplaced fracture of proximal phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.646A	Nondisplaced fracture of proximal phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.646B	Nondisplaced fracture of proximal phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.647A	Nondisplaced fracture of proximal phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.647B	Nondisplaced fracture of proximal phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.648A	Nondisplaced fracture of proximal phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.648B	Nondisplaced fracture of proximal phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.649A	Nondisplaced fracture of proximal phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.649B	Nondisplaced fracture of proximal phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.650A	Nondisplaced fracture of middle phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.650B	Nondisplaced fracture of middle phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.651A	Nondisplaced fracture of middle phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.651B	Nondisplaced fracture of middle phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.652A	Nondisplaced fracture of middle phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.652B	Nondisplaced fracture of middle phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.653A	Nondisplaced fracture of middle phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.653B	Nondisplaced fracture of middle phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.654A	Nondisplaced fracture of medial phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.654B	Nondisplaced fracture of medial phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.655A	Nondisplaced fracture of medial phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.655B	Nondisplaced fracture of medial phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.656A	Nondisplaced fracture of medial phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.656B	Nondisplaced fracture of medial phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.657A	Nondisplaced fracture of medial phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.657B	Nondisplaced fracture of medial phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.658A	Nondisplaced fracture of medial phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.658B	Nondisplaced fracture of medial phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.659A	Nondisplaced fracture of medial phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.659B	Nondisplaced fracture of medial phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.660A	Nondisplaced fracture of distal phalanx of right index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.660B	Nondisplaced fracture of distal phalanx of right index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.661A	Nondisplaced fracture of distal phalanx of left index finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.661B	Nondisplaced fracture of distal phalanx of left index finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.662A	Nondisplaced fracture of distal phalanx of right middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.662B	Nondisplaced fracture of distal phalanx of right middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.663A	Nondisplaced fracture of distal phalanx of left middle finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.663B	Nondisplaced fracture of distal phalanx of left middle finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.664A	Nondisplaced fracture of distal phalanx of right ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.664B	Nondisplaced fracture of distal phalanx of right ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.665A	Nondisplaced fracture of distal phalanx of left ring finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.665B	Nondisplaced fracture of distal phalanx of left ring finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.666A	Nondisplaced fracture of distal phalanx of right little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S62.666B	Nondisplaced fracture of distal phalanx of right little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.667A	Nondisplaced fracture of distal phalanx of left little finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.667B	Nondisplaced fracture of distal phalanx of left little finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.668A	Nondisplaced fracture of distal phalanx of other finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.668B	Nondisplaced fracture of distal phalanx of other finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.669A	Nondisplaced fracture of distal phalanx of unspecified finger, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.669B	Nondisplaced fracture of distal phalanx of unspecified finger, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.90XA	Unspecified fracture of unspecified wrist and hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.90XB	Unspecified fracture of unspecified wrist and hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.91XA	Unspecified fracture of right wrist and hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.91XB	Unspecified fracture of right wrist and hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S62.92XA	Unspecified fracture of left wrist and hand, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S62.92XB	Unspecified fracture of left wrist and hand, initial encounter for open fracture	Diagnosis	ICD-10-CM
S72.001A	Fracture of unspecified part of neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.001B	Fracture of unspecified part of neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.001C	Fracture of unspecified part of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.002A	Fracture of unspecified part of neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.002B	Fracture of unspecified part of neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.002C	Fracture of unspecified part of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.009A	Fracture of unspecified part of neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.009B	Fracture of unspecified part of neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.009C	Fracture of unspecified part of neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.011A	Unspecified intracapsular fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.011B	Unspecified intracapsular fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.011C	Unspecified intracapsular fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.012A	Unspecified intracapsular fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.012B	Unspecified intracapsular fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.012C	Unspecified intracapsular fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.019A	Unspecified intracapsular fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.019B	Unspecified intracapsular fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.019C	Unspecified intracapsular fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.021A	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.021B	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.021C	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.022A	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.022B	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.022C	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.023A	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.023B	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.023C	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.024A	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.024B	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.024C	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.025A	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.025B	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.025C	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.026A	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.026B	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.026C	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.031A	Displaced midcervical fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.031B	Displaced midcervical fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.031C	Displaced midcervical fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.032A	Displaced midcervical fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.032B	Displaced midcervical fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.032C	Displaced midcervical fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.033A	Displaced midcervical fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.033B	Displaced midcervical fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.033C	Displaced midcervical fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.034A	Nondisplaced midcervical fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.034B	Nondisplaced midcervical fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.034C	Nondisplaced midcervical fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.035A	Nondisplaced midcervical fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.035B	Nondisplaced midcervical fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.035C	Nondisplaced midcervical fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.036A	Nondisplaced midcervical fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.036B	Nondisplaced midcervical fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.036C	Nondisplaced midcervical fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.041A	Displaced fracture of base of neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.041B	Displaced fracture of base of neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.041C	Displaced fracture of base of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.042A	Displaced fracture of base of neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.042B	Displaced fracture of base of neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.042C	Displaced fracture of base of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.043A	Displaced fracture of base of neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.043B	Displaced fracture of base of neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.043C	Displaced fracture of base of neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.044A	Nondisplaced fracture of base of neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.044B	Nondisplaced fracture of base of neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.044C	Nondisplaced fracture of base of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.045A	Nondisplaced fracture of base of neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.045B	Nondisplaced fracture of base of neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.045C	Nondisplaced fracture of base of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.046A	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.046B	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.046C	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.051A	Unspecified fracture of head of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.051B	Unspecified fracture of head of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.051C	Unspecified fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.052A	Unspecified fracture of head of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.052B	Unspecified fracture of head of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.052C	Unspecified fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.059A	Unspecified fracture of head of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.059B	Unspecified fracture of head of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.059C	Unspecified fracture of head of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.061A	Displaced articular fracture of head of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.061B	Displaced articular fracture of head of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.061C	Displaced articular fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.062A	Displaced articular fracture of head of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.062B	Displaced articular fracture of head of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.062C	Displaced articular fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.063A	Displaced articular fracture of head of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.063B	Displaced articular fracture of head of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.063C	Displaced articular fracture of head of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.064A	Nondisplaced articular fracture of head of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.064B	Nondisplaced articular fracture of head of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.064C	Nondisplaced articular fracture of head of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.065A	Nondisplaced articular fracture of head of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.065B	Nondisplaced articular fracture of head of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.065C	Nondisplaced articular fracture of head of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.066A	Nondisplaced articular fracture of head of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.066B	Nondisplaced articular fracture of head of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.066C	Nondisplaced articular fracture of head of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.091A	Other fracture of head and neck of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.091B	Other fracture of head and neck of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.091C	Other fracture of head and neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.092A	Other fracture of head and neck of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.092B	Other fracture of head and neck of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.092C	Other fracture of head and neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.099A	Other fracture of head and neck of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.099B	Other fracture of head and neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.099C	Other fracture of head and neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.101A	Unspecified trochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.101B	Unspecified trochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.101C	Unspecified trochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.102A	Unspecified trochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.102B	Unspecified trochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.102C	Unspecified trochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.109A	Unspecified trochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.109B	Unspecified trochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.109C	Unspecified trochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.111A	Displaced fracture of greater trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.111B	Displaced fracture of greater trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.111C	Displaced fracture of greater trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.112A	Displaced fracture of greater trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.112B	Displaced fracture of greater trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.112C	Displaced fracture of greater trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.113A	Displaced fracture of greater trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.113B	Displaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.113C	Displaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.114A	Nondisplaced fracture of greater trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.114B	Nondisplaced fracture of greater trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.114C	Nondisplaced fracture of greater trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.115A	Nondisplaced fracture of greater trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.115B	Nondisplaced fracture of greater trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.115C	Nondisplaced fracture of greater trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.116A	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.116B	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.116C	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.121A	Displaced fracture of lesser trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.121B	Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.121C	Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.122A	Displaced fracture of lesser trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.122B	Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.122C	Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.123A	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.123B	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.123C	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.124A	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.124B	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.124C	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.125A	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.125B	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.125C	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.126A	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.126B	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.126C	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.131A	Displaced apophyseal fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.131B	Displaced apophyseal fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.131C	Displaced apophyseal fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.132A	Displaced apophyseal fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.132B	Displaced apophyseal fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.132C	Displaced apophyseal fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.133A	Displaced apophyseal fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.133B	Displaced apophyseal fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.133C	Displaced apophyseal fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.134A	Nondisplaced apophyseal fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.134B	Nondisplaced apophyseal fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.134C	Nondisplaced apophyseal fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.135A	Nondisplaced apophyseal fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.135B	Nondisplaced apophyseal fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.135C	Nondisplaced apophyseal fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.136A	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.136B	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.136C	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.141A	Displaced intertrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.141B	Displaced intertrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.141C	Displaced intertrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.142A	Displaced intertrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.142B	Displaced intertrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.142C	Displaced intertrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.143A	Displaced intertrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.143B	Displaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.143C	Displaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.144A	Nondisplaced intertrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.144B	Nondisplaced intertrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.144C	Nondisplaced intertrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.145A	Nondisplaced intertrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.145B	Nondisplaced intertrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.145C	Nondisplaced intertrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.146A	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.146B	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.146C	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.21XA	Displaced subtrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.21XB	Displaced subtrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.21XC	Displaced subtrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.22XA	Displaced subtrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.22XB	Displaced subtrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.22XC	Displaced subtrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.23XA	Displaced subtrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.23XB	Displaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.23XC	Displaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.24XA	Nondisplaced subtrochanteric fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.24XB	Nondisplaced subtrochanteric fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.24XC	Nondisplaced subtrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.25XA	Nondisplaced subtrochanteric fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.25XB	Nondisplaced subtrochanteric fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.25XC	Nondisplaced subtrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.26XA	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.26XB	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.26XC	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.301A	Unspecified fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.301B	Unspecified fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.301C	Unspecified fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.302A	Unspecified fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.302B	Unspecified fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.302C	Unspecified fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.309A	Unspecified fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.309B	Unspecified fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.309C	Unspecified fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.321A	Displaced transverse fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.321B	Displaced transverse fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.321C	Displaced transverse fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.322A	Displaced transverse fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.322B	Displaced transverse fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.322C	Displaced transverse fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.323A	Displaced transverse fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.323B	Displaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.323C	Displaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.324A	Nondisplaced transverse fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.324B	Nondisplaced transverse fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.324C	Nondisplaced transverse fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.325A	Nondisplaced transverse fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.325B	Nondisplaced transverse fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.325C	Nondisplaced transverse fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.326A	Nondisplaced transverse fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.326B	Nondisplaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.326C	Nondisplaced transverse fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.331A	Displaced oblique fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.331B	Displaced oblique fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.331C	Displaced oblique fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.332A	Displaced oblique fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.332B	Displaced oblique fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.332C	Displaced oblique fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.333A	Displaced oblique fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.333B	Displaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.333C	Displaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.334A	Nondisplaced oblique fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.334B	Nondisplaced oblique fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.334C	Nondisplaced oblique fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.335A	Nondisplaced oblique fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.335B	Nondisplaced oblique fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.335C	Nondisplaced oblique fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.336A	Nondisplaced oblique fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.336B	Nondisplaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.336C	Nondisplaced oblique fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.341A	Displaced spiral fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.341B	Displaced spiral fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.341C	Displaced spiral fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.342A	Displaced spiral fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.342B	Displaced spiral fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.342C	Displaced spiral fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.343A	Displaced spiral fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.343B	Displaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.343C	Displaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.344A	Nondisplaced spiral fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.344B	Nondisplaced spiral fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.344C	Nondisplaced spiral fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.345A	Nondisplaced spiral fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.345B	Nondisplaced spiral fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.345C	Nondisplaced spiral fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.346A	Nondisplaced spiral fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.346B	Nondisplaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.346C	Nondisplaced spiral fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.351A	Displaced comminuted fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.351B	Displaced comminuted fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.351C	Displaced comminuted fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.352A	Displaced comminuted fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.352B	Displaced comminuted fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.352C	Displaced comminuted fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.353A	Displaced comminuted fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.353B	Displaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.353C	Displaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.354A	Nondisplaced comminuted fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.354B	Nondisplaced comminuted fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.354C	Nondisplaced comminuted fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.355A	Nondisplaced comminuted fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.355B	Nondisplaced comminuted fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.355C	Nondisplaced comminuted fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.356A	Nondisplaced comminuted fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.356B	Nondisplaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.356C	Nondisplaced comminuted fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.361A	Displaced segmental fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.361B	Displaced segmental fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.361C	Displaced segmental fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.362A	Displaced segmental fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.362B	Displaced segmental fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.362C	Displaced segmental fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.363A	Displaced segmental fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.363B	Displaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.363C	Displaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.364A	Nondisplaced segmental fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.364B	Nondisplaced segmental fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.364C	Nondisplaced segmental fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.365A	Nondisplaced segmental fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.365B	Nondisplaced segmental fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.365C	Nondisplaced segmental fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.366A	Nondisplaced segmental fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.366B	Nondisplaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.366C	Nondisplaced segmental fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.391A	Other fracture of shaft of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.391B	Other fracture of shaft of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.391C	Other fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.392A	Other fracture of shaft of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.392B	Other fracture of shaft of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.392C	Other fracture of shaft of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.399A	Other fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.399B	Other fracture of shaft of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.399C	Other fracture of shaft of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.401A	Unspecified fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.401B	Unspecified fracture of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.401C	Unspecified fracture of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.402A	Unspecified fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.402B	Unspecified fracture of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.402C	Unspecified fracture of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.409A	Unspecified fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.409B	Unspecified fracture of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.409C	Unspecified fracture of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.411A	Displaced unspecified condyle fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.411B	Displaced unspecified condyle fracture of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.411C	Displaced unspecified condyle fracture of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.412A	Displaced unspecified condyle fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.412B	Displaced unspecified condyle fracture of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.412C	Displaced unspecified condyle fracture of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.413A	Displaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.413B	Displaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.413C	Displaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.414A	Nondisplaced unspecified condyle fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.414B	Nondisplaced unspecified condyle fracture of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.414C	Nondisplaced unspecified condyle fracture of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.415A	Nondisplaced unspecified condyle fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.415B	Nondisplaced unspecified condyle fracture of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.415C	Nondisplaced unspecified condyle fracture of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.416A	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.416B	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.416C	Nondisplaced unspecified condyle fracture of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.421A	Displaced fracture of lateral condyle of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.421B	Displaced fracture of lateral condyle of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.421C	Displaced fracture of lateral condyle of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.422A	Displaced fracture of lateral condyle of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.422B	Displaced fracture of lateral condyle of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.422C	Displaced fracture of lateral condyle of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.423A	Displaced fracture of lateral condyle of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.423B	Displaced fracture of lateral condyle of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.423C	Displaced fracture of lateral condyle of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.424A	Nondisplaced fracture of lateral condyle of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.424B	Nondisplaced fracture of lateral condyle of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.424C	Nondisplaced fracture of lateral condyle of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.425A	Nondisplaced fracture of lateral condyle of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.425B	Nondisplaced fracture of lateral condyle of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.425C	Nondisplaced fracture of lateral condyle of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.426A	Nondisplaced fracture of lateral condyle of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.426B	Nondisplaced fracture of lateral condyle of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.426C	Nondisplaced fracture of lateral condyle of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.431A	Displaced fracture of medial condyle of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.431B	Displaced fracture of medial condyle of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.431C	Displaced fracture of medial condyle of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.432A	Displaced fracture of medial condyle of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.432B	Displaced fracture of medial condyle of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.432C	Displaced fracture of medial condyle of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.433A	Displaced fracture of medial condyle of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.433B	Displaced fracture of medial condyle of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.433C	Displaced fracture of medial condyle of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.434A	Nondisplaced fracture of medial condyle of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.434B	Nondisplaced fracture of medial condyle of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.434C	Nondisplaced fracture of medial condyle of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.435A	Nondisplaced fracture of medial condyle of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.435B	Nondisplaced fracture of medial condyle of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.435C	Nondisplaced fracture of medial condyle of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.436A	Nondisplaced fracture of medial condyle of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.436B	Nondisplaced fracture of medial condyle of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.436C	Nondisplaced fracture of medial condyle of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.441A	Displaced fracture of lower epiphysis (separation) of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.441B	Displaced fracture of lower epiphysis (separation) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.441C	Displaced fracture of lower epiphysis (separation) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.442A	Displaced fracture of lower epiphysis (separation) of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.442B	Displaced fracture of lower epiphysis (separation) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.442C	Displaced fracture of lower epiphysis (separation) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.443A	Displaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.443B	Displaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.443C	Displaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.444A	Nondisplaced fracture of lower epiphysis (separation) of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.444B	Nondisplaced fracture of lower epiphysis (separation) of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.444C	Nondisplaced fracture of lower epiphysis (separation) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.445A	Nondisplaced fracture of lower epiphysis (separation) of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.445B	Nondisplaced fracture of lower epiphysis (separation) of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.445C	Nondisplaced fracture of lower epiphysis (separation) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.446A	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.446B	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.446C	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.451A	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.451B	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.451C	Displaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.452A	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.452B	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.452C	Displaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.453A	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.453B	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.453C	Displaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.454A	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.454B	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.454C	Nondisplaced supracondylar fracture without intracondylar extension of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.455A	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.455B	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.455C	Nondisplaced supracondylar fracture without intracondylar extension of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.456A	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.456B	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.456C	Nondisplaced supracondylar fracture without intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.461A	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.461B	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.461C	Displaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.462A	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.462B	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.462C	Displaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.463A	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.463B	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.463C	Displaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.464A	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.464B	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.464C	Nondisplaced supracondylar fracture with intracondylar extension of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.465A	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.465B	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.465C	Nondisplaced supracondylar fracture with intracondylar extension of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.466A	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.466B	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.466C	Nondisplaced supracondylar fracture with intracondylar extension of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.471A	Torus fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.472A	Torus fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.479A	Torus fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.491A	Other fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.491B	Other fracture of lower end of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.491C	Other fracture of lower end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.492A	Other fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.492B	Other fracture of lower end of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.492C	Other fracture of lower end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.499A	Other fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.499B	Other fracture of lower end of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.499C	Other fracture of lower end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.8X1A	Other fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.8X1B	Other fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.8X1C	Other fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.8X2A	Other fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.8X2B	Other fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.8X2C	Other fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.8X9A	Other fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.8X9B	Other fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.8X9C	Other fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.90XA	Unspecified fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.90XB	Unspecified fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.90XC	Unspecified fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.90XE	Unspecified fracture of unspecified femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.91XA	Unspecified fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.91XB	Unspecified fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.91XC	Unspecified fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S72.91XE	Unspecified fracture of right femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S72.92XA	Unspecified fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S72.92XB	Unspecified fracture of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.92XC	Unspecified fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.92XE	Unspecified fracture of left femur, subsequent encounter for open fracture type I or II with routine healing	Diagnosis	ICD-10-CM
S79.001A	Unspecified physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.002A	Unspecified physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.009A	Unspecified physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.011A	Salter-Harris Type I physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.012A	Salter-Harris Type I physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.019A	Salter-Harris Type I physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.091A	Other physeal fracture of upper end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.092A	Other physeal fracture of upper end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.099A	Other physeal fracture of upper end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.101A	Unspecified physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.102A	Unspecified physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.109A	Unspecified physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.111A	Salter-Harris Type I physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.112A	Salter-Harris Type I physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.119A	Salter-Harris Type I physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.121A	Salter-Harris Type II physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S79.122A	Salter-Harris Type II physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.129A	Salter-Harris Type II physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.131A	Salter-Harris Type III physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.132A	Salter-Harris Type III physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.139A	Salter-Harris Type III physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.141A	Salter-Harris Type IV physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.142A	Salter-Harris Type IV physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.149A	Salter-Harris Type IV physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.191A	Other physeal fracture of lower end of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.192A	Other physeal fracture of lower end of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S79.199A	Other physeal fracture of lower end of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.001A	Unspecified fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.001B	Unspecified fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.001C	Unspecified fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.002A	Unspecified fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.002B	Unspecified fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.002C	Unspecified fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.009A	Unspecified fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.009B	Unspecified fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.009C	Unspecified fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.011A	Displaced osteochondral fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.011B	Displaced osteochondral fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.011C	Displaced osteochondral fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.012A	Displaced osteochondral fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.012B	Displaced osteochondral fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.012C	Displaced osteochondral fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.013A	Displaced osteochondral fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.013B	Displaced osteochondral fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.013C	Displaced osteochondral fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.014A	Nondisplaced osteochondral fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.014B	Nondisplaced osteochondral fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.014C	Nondisplaced osteochondral fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.015A	Nondisplaced osteochondral fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.015B	Nondisplaced osteochondral fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.015C	Nondisplaced osteochondral fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.016A	Nondisplaced osteochondral fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.016B	Nondisplaced osteochondral fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.016C	Nondisplaced osteochondral fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.021A	Displaced longitudinal fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.021B	Displaced longitudinal fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.021C	Displaced longitudinal fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.022A	Displaced longitudinal fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.022B	Displaced longitudinal fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.022C	Displaced longitudinal fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.023A	Displaced longitudinal fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.023B	Displaced longitudinal fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.023C	Displaced longitudinal fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.024A	Nondisplaced longitudinal fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.024B	Nondisplaced longitudinal fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.024C	Nondisplaced longitudinal fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.025A	Nondisplaced longitudinal fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.025B	Nondisplaced longitudinal fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.025C	Nondisplaced longitudinal fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.026A	Nondisplaced longitudinal fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.026B	Nondisplaced longitudinal fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.026C	Nondisplaced longitudinal fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.031A	Displaced transverse fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.031B	Displaced transverse fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.031C	Displaced transverse fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.032A	Displaced transverse fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.032B	Displaced transverse fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.032C	Displaced transverse fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.033A	Displaced transverse fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.033B	Displaced transverse fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.033C	Displaced transverse fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.034A	Nondisplaced transverse fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.034B	Nondisplaced transverse fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.034C	Nondisplaced transverse fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.035A	Nondisplaced transverse fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.035B	Nondisplaced transverse fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.035C	Nondisplaced transverse fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.036A	Nondisplaced transverse fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.036B	Nondisplaced transverse fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.036C	Nondisplaced transverse fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.041A	Displaced comminuted fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.041B	Displaced comminuted fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.041C	Displaced comminuted fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.042A	Displaced comminuted fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.042B	Displaced comminuted fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.042C	Displaced comminuted fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.043A	Displaced comminuted fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.043B	Displaced comminuted fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.043C	Displaced comminuted fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.044A	Nondisplaced comminuted fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.044B	Nondisplaced comminuted fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.044C	Nondisplaced comminuted fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.045A	Nondisplaced comminuted fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.045B	Nondisplaced comminuted fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.045C	Nondisplaced comminuted fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.046A	Nondisplaced comminuted fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.046B	Nondisplaced comminuted fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.046C	Nondisplaced comminuted fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.091A	Other fracture of right patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.091B	Other fracture of right patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.091C	Other fracture of right patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.092A	Other fracture of left patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.092B	Other fracture of left patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.092C	Other fracture of left patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.099A	Other fracture of unspecified patella, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.099B	Other fracture of unspecified patella, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.099C	Other fracture of unspecified patella, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.101A	Unspecified fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.101B	Unspecified fracture of upper end of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.101C	Unspecified fracture of upper end of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.102A	Unspecified fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.102B	Unspecified fracture of upper end of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.102C	Unspecified fracture of upper end of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.109A	Unspecified fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.109B	Unspecified fracture of upper end of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.109C	Unspecified fracture of upper end of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.111A	Displaced fracture of right tibial spine, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.111B	Displaced fracture of right tibial spine, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.111C	Displaced fracture of right tibial spine, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.112A	Displaced fracture of left tibial spine, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.112B	Displaced fracture of left tibial spine, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.112C	Displaced fracture of left tibial spine, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.113A	Displaced fracture of unspecified tibial spine, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.113B	Displaced fracture of unspecified tibial spine, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.113C	Displaced fracture of unspecified tibial spine, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.114A	Nondisplaced fracture of right tibial spine, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.114B	Nondisplaced fracture of right tibial spine, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.114C	Nondisplaced fracture of right tibial spine, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.115A	Nondisplaced fracture of left tibial spine, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.115B	Nondisplaced fracture of left tibial spine, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.115C	Nondisplaced fracture of left tibial spine, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.116A	Nondisplaced fracture of unspecified tibial spine, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.116B	Nondisplaced fracture of unspecified tibial spine, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.116C	Nondisplaced fracture of unspecified tibial spine, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.121A	Displaced fracture of lateral condyle of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.121B	Displaced fracture of lateral condyle of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.121C	Displaced fracture of lateral condyle of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.122A	Displaced fracture of lateral condyle of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.122B	Displaced fracture of lateral condyle of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.122C	Displaced fracture of lateral condyle of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.123A	Displaced fracture of lateral condyle of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.123B	Displaced fracture of lateral condyle of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.123C	Displaced fracture of lateral condyle of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.124A	Nondisplaced fracture of lateral condyle of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.124B	Nondisplaced fracture of lateral condyle of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.124C	Nondisplaced fracture of lateral condyle of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.125A	Nondisplaced fracture of lateral condyle of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.125B	Nondisplaced fracture of lateral condyle of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.125C	Nondisplaced fracture of lateral condyle of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.126A	Nondisplaced fracture of lateral condyle of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.126B	Nondisplaced fracture of lateral condyle of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.126C	Nondisplaced fracture of lateral condyle of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.131A	Displaced fracture of medial condyle of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.131B	Displaced fracture of medial condyle of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.131C	Displaced fracture of medial condyle of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.132A	Displaced fracture of medial condyle of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.132B	Displaced fracture of medial condyle of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.132C	Displaced fracture of medial condyle of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.133A	Displaced fracture of medial condyle of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.133B	Displaced fracture of medial condyle of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.133C	Displaced fracture of medial condyle of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.134A	Nondisplaced fracture of medial condyle of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.134B	Nondisplaced fracture of medial condyle of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.134C	Nondisplaced fracture of medial condyle of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.135A	Nondisplaced fracture of medial condyle of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.135B	Nondisplaced fracture of medial condyle of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.135C	Nondisplaced fracture of medial condyle of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.136A	Nondisplaced fracture of medial condyle of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.136B	Nondisplaced fracture of medial condyle of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.136C	Nondisplaced fracture of medial condyle of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.141A	Displaced bicondylar fracture of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.141B	Displaced bicondylar fracture of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.141C	Displaced bicondylar fracture of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.142A	Displaced bicondylar fracture of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.142B	Displaced bicondylar fracture of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.142C	Displaced bicondylar fracture of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.143A	Displaced bicondylar fracture of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.143B	Displaced bicondylar fracture of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.143C	Displaced bicondylar fracture of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.144A	Nondisplaced bicondylar fracture of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.144B	Nondisplaced bicondylar fracture of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.144C	Nondisplaced bicondylar fracture of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.145A	Nondisplaced bicondylar fracture of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.145B	Nondisplaced bicondylar fracture of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.145C	Nondisplaced bicondylar fracture of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.146A	Nondisplaced bicondylar fracture of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.146B	Nondisplaced bicondylar fracture of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.146C	Nondisplaced bicondylar fracture of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.151A	Displaced fracture of right tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.151B	Displaced fracture of right tibial tuberosity, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.151C	Displaced fracture of right tibial tuberosity, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.152A	Displaced fracture of left tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.152B	Displaced fracture of left tibial tuberosity, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.152C	Displaced fracture of left tibial tuberosity, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.153A	Displaced fracture of unspecified tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.153B	Displaced fracture of unspecified tibial tuberosity, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.153C	Displaced fracture of unspecified tibial tuberosity, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.154A	Nondisplaced fracture of right tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.154B	Nondisplaced fracture of right tibial tuberosity, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.154C	Nondisplaced fracture of right tibial tuberosity, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.155A	Nondisplaced fracture of left tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.155B	Nondisplaced fracture of left tibial tuberosity, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.155C	Nondisplaced fracture of left tibial tuberosity, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.156A	Nondisplaced fracture of unspecified tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.156B	Nondisplaced fracture of unspecified tibial tuberosity, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.156C	Nondisplaced fracture of unspecified tibial tuberosity, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.161A	Torus fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.162A	Torus fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.169A	Torus fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.191A	Other fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.191B	Other fracture of upper end of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.191C	Other fracture of upper end of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.192A	Other fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.192B	Other fracture of upper end of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.192C	Other fracture of upper end of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.199A	Other fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.199B	Other fracture of upper end of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.199C	Other fracture of upper end of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.201A	Unspecified fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.201B	Unspecified fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.201C	Unspecified fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.202A	Unspecified fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.202B	Unspecified fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.202C	Unspecified fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.209A	Unspecified fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.209B	Unspecified fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.209C	Unspecified fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.221A	Displaced transverse fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.221B	Displaced transverse fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.221C	Displaced transverse fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.222A	Displaced transverse fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.222B	Displaced transverse fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.222C	Displaced transverse fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.223A	Displaced transverse fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.223B	Displaced transverse fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.223C	Displaced transverse fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.224A	Nondisplaced transverse fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.224B	Nondisplaced transverse fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.224C	Nondisplaced transverse fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.225A	Nondisplaced transverse fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.225B	Nondisplaced transverse fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.225C	Nondisplaced transverse fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.226A	Nondisplaced transverse fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.226B	Nondisplaced transverse fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.226C	Nondisplaced transverse fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.231A	Displaced oblique fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.231B	Displaced oblique fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.231C	Displaced oblique fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.232A	Displaced oblique fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.232B	Displaced oblique fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.232C	Displaced oblique fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.233A	Displaced oblique fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.233B	Displaced oblique fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.233C	Displaced oblique fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.234A	Nondisplaced oblique fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.234B	Nondisplaced oblique fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.234C	Nondisplaced oblique fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.235A	Nondisplaced oblique fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.235B	Nondisplaced oblique fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.235C	Nondisplaced oblique fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.236A	Nondisplaced oblique fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.236B	Nondisplaced oblique fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.236C	Nondisplaced oblique fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.241A	Displaced spiral fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.241B	Displaced spiral fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.241C	Displaced spiral fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.242A	Displaced spiral fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.242B	Displaced spiral fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.242C	Displaced spiral fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.243A	Displaced spiral fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.243B	Displaced spiral fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.243C	Displaced spiral fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.244A	Nondisplaced spiral fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.244B	Nondisplaced spiral fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.244C	Nondisplaced spiral fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.245A	Nondisplaced spiral fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.245B	Nondisplaced spiral fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.245C	Nondisplaced spiral fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.246A	Nondisplaced spiral fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.246B	Nondisplaced spiral fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.246C	Nondisplaced spiral fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.251A	Displaced comminuted fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.251B	Displaced comminuted fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.251C	Displaced comminuted fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.252A	Displaced comminuted fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.252B	Displaced comminuted fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.252C	Displaced comminuted fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.253A	Displaced comminuted fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.253B	Displaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.253C	Displaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.254A	Nondisplaced comminuted fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.254B	Nondisplaced comminuted fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.254C	Nondisplaced comminuted fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.255A	Nondisplaced comminuted fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.255B	Nondisplaced comminuted fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.255C	Nondisplaced comminuted fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.256A	Nondisplaced comminuted fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.256B	Nondisplaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.256C	Nondisplaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.261A	Displaced segmental fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.261B	Displaced segmental fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.261C	Displaced segmental fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.262A	Displaced segmental fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.262B	Displaced segmental fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.262C	Displaced segmental fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.263A	Displaced segmental fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.263B	Displaced segmental fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.263C	Displaced segmental fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.264A	Nondisplaced segmental fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.264B	Nondisplaced segmental fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.264C	Nondisplaced segmental fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.265A	Nondisplaced segmental fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.265B	Nondisplaced segmental fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.265C	Nondisplaced segmental fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.266A	Nondisplaced segmental fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.266B	Nondisplaced segmental fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.266C	Nondisplaced segmental fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.291A	Other fracture of shaft of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.291B	Other fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.291C	Other fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.292A	Other fracture of shaft of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.292B	Other fracture of shaft of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.292C	Other fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.299A	Other fracture of shaft of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.299B	Other fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.299C	Other fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.301A	Unspecified fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.301B	Unspecified fracture of lower end of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.301C	Unspecified fracture of lower end of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.302A	Unspecified fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.302B	Unspecified fracture of lower end of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.302C	Unspecified fracture of lower end of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.309A	Unspecified fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.309B	Unspecified fracture of lower end of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.309C	Unspecified fracture of lower end of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.311A	Torus fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.312A	Torus fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.319A	Torus fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.391A	Other fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.391B	Other fracture of lower end of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.391C	Other fracture of lower end of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.392A	Other fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.392B	Other fracture of lower end of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.392C	Other fracture of lower end of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.399A	Other fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.399B	Other fracture of lower end of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.399C	Other fracture of lower end of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.401A	Unspecified fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.401B	Unspecified fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.401C	Unspecified fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.402A	Unspecified fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.402B	Unspecified fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.402C	Unspecified fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.409A	Unspecified fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.409B	Unspecified fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.409C	Unspecified fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.421A	Displaced transverse fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.421B	Displaced transverse fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.421C	Displaced transverse fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.422A	Displaced transverse fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.422B	Displaced transverse fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.422C	Displaced transverse fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.423A	Displaced transverse fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.423B	Displaced transverse fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.423C	Displaced transverse fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.424A	Nondisplaced transverse fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.424B	Nondisplaced transverse fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.424C	Nondisplaced transverse fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.425A	Nondisplaced transverse fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.425B	Nondisplaced transverse fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.425C	Nondisplaced transverse fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.426A	Nondisplaced transverse fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.426B	Nondisplaced transverse fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.426C	Nondisplaced transverse fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.431A	Displaced oblique fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.431B	Displaced oblique fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.431C	Displaced oblique fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.432A	Displaced oblique fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.432B	Displaced oblique fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.432C	Displaced oblique fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.433A	Displaced oblique fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.433B	Displaced oblique fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.433C	Displaced oblique fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.434A	Nondisplaced oblique fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.434B	Nondisplaced oblique fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.434C	Nondisplaced oblique fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.435A	Nondisplaced oblique fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.435B	Nondisplaced oblique fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.435C	Nondisplaced oblique fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.436A	Nondisplaced oblique fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.436B	Nondisplaced oblique fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.436C	Nondisplaced oblique fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.441A	Displaced spiral fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.441B	Displaced spiral fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.441C	Displaced spiral fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.442A	Displaced spiral fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.442B	Displaced spiral fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.442C	Displaced spiral fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.443A	Displaced spiral fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.443B	Displaced spiral fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.443C	Displaced spiral fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.444A	Nondisplaced spiral fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.444B	Nondisplaced spiral fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.444C	Nondisplaced spiral fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.445A	Nondisplaced spiral fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.445B	Nondisplaced spiral fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.445C	Nondisplaced spiral fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.446A	Nondisplaced spiral fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.446B	Nondisplaced spiral fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.446C	Nondisplaced spiral fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.451A	Displaced comminuted fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.451B	Displaced comminuted fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.451C	Displaced comminuted fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.452A	Displaced comminuted fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.452B	Displaced comminuted fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.452C	Displaced comminuted fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.453A	Displaced comminuted fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.453B	Displaced comminuted fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.453C	Displaced comminuted fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.454A	Nondisplaced comminuted fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.454B	Nondisplaced comminuted fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.454C	Nondisplaced comminuted fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.455A	Nondisplaced comminuted fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.455B	Nondisplaced comminuted fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.455C	Nondisplaced comminuted fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.456A	Nondisplaced comminuted fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.456B	Nondisplaced comminuted fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.456C	Nondisplaced comminuted fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.461A	Displaced segmental fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.461B	Displaced segmental fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.461C	Displaced segmental fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.462A	Displaced segmental fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.462B	Displaced segmental fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.462C	Displaced segmental fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.463A	Displaced segmental fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.463B	Displaced segmental fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.463C	Displaced segmental fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.464A	Nondisplaced segmental fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.464B	Nondisplaced segmental fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.464C	Nondisplaced segmental fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.465A	Nondisplaced segmental fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.465B	Nondisplaced segmental fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.465C	Nondisplaced segmental fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.466A	Nondisplaced segmental fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.466B	Nondisplaced segmental fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.466C	Nondisplaced segmental fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.491A	Other fracture of shaft of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.491B	Other fracture of shaft of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.491C	Other fracture of shaft of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.492A	Other fracture of shaft of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.492B	Other fracture of shaft of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.492C	Other fracture of shaft of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.499A	Other fracture of shaft of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.499B	Other fracture of shaft of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.499C	Other fracture of shaft of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.51XA	Displaced fracture of medial malleolus of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.51XB	Displaced fracture of medial malleolus of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.51XC	Displaced fracture of medial malleolus of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.52XA	Displaced fracture of medial malleolus of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.52XB	Displaced fracture of medial malleolus of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.52XC	Displaced fracture of medial malleolus of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.53XA	Displaced fracture of medial malleolus of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.53XB	Displaced fracture of medial malleolus of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.53XC	Displaced fracture of medial malleolus of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.54XA	Nondisplaced fracture of medial malleolus of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.54XB	Nondisplaced fracture of medial malleolus of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.54XC	Nondisplaced fracture of medial malleolus of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.55XA	Nondisplaced fracture of medial malleolus of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.55XB	Nondisplaced fracture of medial malleolus of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.55XC	Nondisplaced fracture of medial malleolus of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.56XA	Nondisplaced fracture of medial malleolus of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.56XB	Nondisplaced fracture of medial malleolus of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.56XC	Nondisplaced fracture of medial malleolus of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.61XA	Displaced fracture of lateral malleolus of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.61XB	Displaced fracture of lateral malleolus of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.61XC	Displaced fracture of lateral malleolus of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.62XA	Displaced fracture of lateral malleolus of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.62XB	Displaced fracture of lateral malleolus of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.62XC	Displaced fracture of lateral malleolus of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.63XA	Displaced fracture of lateral malleolus of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.63XB	Displaced fracture of lateral malleolus of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.63XC	Displaced fracture of lateral malleolus of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.64XA	Nondisplaced fracture of lateral malleolus of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.64XB	Nondisplaced fracture of lateral malleolus of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.64XC	Nondisplaced fracture of lateral malleolus of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.65XA	Nondisplaced fracture of lateral malleolus of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.65XB	Nondisplaced fracture of lateral malleolus of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.65XC	Nondisplaced fracture of lateral malleolus of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.66XA	Nondisplaced fracture of lateral malleolus of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.66XB	Nondisplaced fracture of lateral malleolus of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.66XC	Nondisplaced fracture of lateral malleolus of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.811A	Torus fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.812A	Torus fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.819A	Torus fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.821A	Torus fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.822A	Torus fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.829A	Torus fracture of lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.831A	Other fracture of upper and lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.831B	Other fracture of upper and lower end of right fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.831C	Other fracture of upper and lower end of right fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.832A	Other fracture of upper and lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.832B	Other fracture of upper and lower end of left fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.832C	Other fracture of upper and lower end of left fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.839A	Other fracture of upper and lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.839B	Other fracture of upper and lower end of unspecified fibula, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.839C	Other fracture of upper and lower end of unspecified fibula, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.841A	Displaced bimalleolar fracture of right lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.841B	Displaced bimalleolar fracture of right lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.841C	Displaced bimalleolar fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.842A	Displaced bimalleolar fracture of left lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.842B	Displaced bimalleolar fracture of left lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.842C	Displaced bimalleolar fracture of left lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.843A	Displaced bimalleolar fracture of unspecified lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.843B	Displaced bimalleolar fracture of unspecified lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.843C	Displaced bimalleolar fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.844A	Nondisplaced bimalleolar fracture of right lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.844B	Nondisplaced bimalleolar fracture of right lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.844C	Nondisplaced bimalleolar fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.845A	Nondisplaced bimalleolar fracture of left lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.845B	Nondisplaced bimalleolar fracture of left lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.845C	Nondisplaced bimalleolar fracture of left lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.846A	Nondisplaced bimalleolar fracture of unspecified lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.846B	Nondisplaced bimalleolar fracture of unspecified lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.846C	Nondisplaced bimalleolar fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.851A	Displaced trimalleolar fracture of right lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.851B	Displaced trimalleolar fracture of right lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.851C	Displaced trimalleolar fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.852A	Displaced trimalleolar fracture of left lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.852B	Displaced trimalleolar fracture of left lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.852C	Displaced trimalleolar fracture of left lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.853A	Displaced trimalleolar fracture of unspecified lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.853B	Displaced trimalleolar fracture of unspecified lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.853C	Displaced trimalleolar fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.854A	Nondisplaced trimalleolar fracture of right lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.854B	Nondisplaced trimalleolar fracture of right lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.854C	Nondisplaced trimalleolar fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.855A	Nondisplaced trimalleolar fracture of left lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.855B	Nondisplaced trimalleolar fracture of left lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.855C	Nondisplaced trimalleolar fracture of left lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.856A	Nondisplaced trimalleolar fracture of unspecified lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.856B	Nondisplaced trimalleolar fracture of unspecified lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.856C	Nondisplaced trimalleolar fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.861A	Displaced Maisonneuve's fracture of right leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.861B	Displaced Maisonneuve's fracture of right leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.861C	Displaced Maisonneuve's fracture of right leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.862A	Displaced Maisonneuve's fracture of left leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.862B	Displaced Maisonneuve's fracture of left leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.862C	Displaced Maisonneuve's fracture of left leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.863A	Displaced Maisonneuve's fracture of unspecified leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.863B	Displaced Maisonneuve's fracture of unspecified leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.863C	Displaced Maisonneuve's fracture of unspecified leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.864A	Nondisplaced Maisonneuve's fracture of right leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.864B	Nondisplaced Maisonneuve's fracture of right leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.864C	Nondisplaced Maisonneuve's fracture of right leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.865A	Nondisplaced Maisonneuve's fracture of left leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.865B	Nondisplaced Maisonneuve's fracture of left leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.865C	Nondisplaced Maisonneuve's fracture of left leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.866A	Nondisplaced Maisonneuve's fracture of unspecified leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.866B	Nondisplaced Maisonneuve's fracture of unspecified leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.866C	Nondisplaced Maisonneuve's fracture of unspecified leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.871A	Displaced pilon fracture of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.871B	Displaced pilon fracture of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.871C	Displaced pilon fracture of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.872A	Displaced pilon fracture of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.872B	Displaced pilon fracture of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.872C	Displaced pilon fracture of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.873A	Displaced pilon fracture of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.873B	Displaced pilon fracture of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.873C	Displaced pilon fracture of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.874A	Nondisplaced pilon fracture of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.874B	Nondisplaced pilon fracture of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.874C	Nondisplaced pilon fracture of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.875A	Nondisplaced pilon fracture of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.875B	Nondisplaced pilon fracture of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.875C	Nondisplaced pilon fracture of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.876A	Nondisplaced pilon fracture of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.876B	Nondisplaced pilon fracture of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.876C	Nondisplaced pilon fracture of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.891A	Other fracture of right lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.891B	Other fracture of right lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.891C	Other fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.892A	Other fracture of left lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.892B	Other fracture of left lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.892C	Other fracture of left lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.899A	Other fracture of unspecified lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.899B	Other fracture of unspecified lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.899C	Other fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.90XA	Unspecified fracture of unspecified lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.90XB	Unspecified fracture of unspecified lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.90XC	Unspecified fracture of unspecified lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.91XA	Unspecified fracture of right lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S82.91XB	Unspecified fracture of right lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.91XC	Unspecified fracture of right lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S82.92XA	Unspecified fracture of left lower leg, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S82.92XB	Unspecified fracture of left lower leg, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S82.92XC	Unspecified fracture of left lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S89.001A	Unspecified physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.002A	Unspecified physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.009A	Unspecified physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.011A	Salter-Harris Type I physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.012A	Salter-Harris Type I physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.019A	Salter-Harris Type I physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.021A	Salter-Harris Type II physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.022A	Salter-Harris Type II physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.029A	Salter-Harris Type II physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.031A	Salter-Harris Type III physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.032A	Salter-Harris Type III physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.039A	Salter-Harris Type III physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.041A	Salter-Harris Type IV physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.042A	Salter-Harris Type IV physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.049A	Salter-Harris Type IV physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.091A	Other physeal fracture of upper end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.092A	Other physeal fracture of upper end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.099A	Other physeal fracture of upper end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S89.101A	Unspecified physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.102A	Unspecified physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.109A	Unspecified physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.111A	Salter-Harris Type I physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.112A	Salter-Harris Type I physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.119A	Salter-Harris Type I physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.121A	Salter-Harris Type II physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.122A	Salter-Harris Type II physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.129A	Salter-Harris Type II physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.131A	Salter-Harris Type III physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.132A	Salter-Harris Type III physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.139A	Salter-Harris Type III physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.141A	Salter-Harris Type IV physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.142A	Salter-Harris Type IV physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.149A	Salter-Harris Type IV physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.191A	Other physeal fracture of lower end of right tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.192A	Other physeal fracture of lower end of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.199A	Other physeal fracture of lower end of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.201A	Unspecified physeal fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.202A	Unspecified physeal fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S89.209A	Unspecified physeal fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.211A	Salter-Harris Type I physeal fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.212A	Salter-Harris Type I physeal fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.219A	Salter-Harris Type I physeal fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.221A	Salter-Harris Type II physeal fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.222A	Salter-Harris Type II physeal fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.229A	Salter-Harris Type II physeal fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.291A	Other physeal fracture of upper end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.292A	Other physeal fracture of upper end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.299A	Other physeal fracture of upper end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.301A	Unspecified physeal fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.302A	Unspecified physeal fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.309A	Unspecified physeal fracture of lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.311A	Salter-Harris Type I physeal fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.312A	Salter-Harris Type I physeal fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.319A	Salter-Harris Type I physeal fracture of lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.321A	Salter-Harris Type II physeal fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.322A	Salter-Harris Type II physeal fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.329A	Salter-Harris Type II physeal fracture of lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.391A	Other physeal fracture of lower end of right fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S89.392A	Other physeal fracture of lower end of left fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S89.399A	Other physeal fracture of lower end of unspecified fibula, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.001A	Unspecified fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.001B	Unspecified fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.002A	Unspecified fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.002B	Unspecified fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.009A	Unspecified fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.009B	Unspecified fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.011A	Displaced fracture of body of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.011B	Displaced fracture of body of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.012A	Displaced fracture of body of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.012B	Displaced fracture of body of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.013A	Displaced fracture of body of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.013B	Displaced fracture of body of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.014A	Nondisplaced fracture of body of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.014B	Nondisplaced fracture of body of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.015A	Nondisplaced fracture of body of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.015B	Nondisplaced fracture of body of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.016A	Nondisplaced fracture of body of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.016B	Nondisplaced fracture of body of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.021A	Displaced fracture of anterior process of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.021B	Displaced fracture of anterior process of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.022A	Displaced fracture of anterior process of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.022B	Displaced fracture of anterior process of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S92.023A	Displaced fracture of anterior process of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.023B	Displaced fracture of anterior process of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.024A	Nondisplaced fracture of anterior process of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.024B	Nondisplaced fracture of anterior process of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.025A	Nondisplaced fracture of anterior process of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.025B	Nondisplaced fracture of anterior process of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.026A	Nondisplaced fracture of anterior process of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.026B	Nondisplaced fracture of anterior process of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.031A	Displaced avulsion fracture of tuberosity of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.031B	Displaced avulsion fracture of tuberosity of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.032A	Displaced avulsion fracture of tuberosity of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.032B	Displaced avulsion fracture of tuberosity of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.033A	Displaced avulsion fracture of tuberosity of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.033B	Displaced avulsion fracture of tuberosity of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.034A	Nondisplaced avulsion fracture of tuberosity of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.034B	Nondisplaced avulsion fracture of tuberosity of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.035A	Nondisplaced avulsion fracture of tuberosity of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.035B	Nondisplaced avulsion fracture of tuberosity of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.036A	Nondisplaced avulsion fracture of tuberosity of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.036B	Nondisplaced avulsion fracture of tuberosity of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S92.041A	Displaced other fracture of tuberosity of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.041B	Displaced other fracture of tuberosity of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.042A	Displaced other fracture of tuberosity of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.042B	Displaced other fracture of tuberosity of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.043A	Displaced other fracture of tuberosity of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.043B	Displaced other fracture of tuberosity of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.044A	Nondisplaced other fracture of tuberosity of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.044B	Nondisplaced other fracture of tuberosity of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.045A	Nondisplaced other fracture of tuberosity of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.045B	Nondisplaced other fracture of tuberosity of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.046A	Nondisplaced other fracture of tuberosity of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.046B	Nondisplaced other fracture of tuberosity of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.051A	Displaced other extraarticular fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.051B	Displaced other extraarticular fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.052A	Displaced other extraarticular fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.052B	Displaced other extraarticular fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.053A	Displaced other extraarticular fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.053B	Displaced other extraarticular fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.054A	Nondisplaced other extraarticular fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.054B	Nondisplaced other extraarticular fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S92.055A	Nondisplaced other extraarticular fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.055B	Nondisplaced other extraarticular fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.056A	Nondisplaced other extraarticular fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.056B	Nondisplaced other extraarticular fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.061A	Displaced intraarticular fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.061B	Displaced intraarticular fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.062A	Displaced intraarticular fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.062B	Displaced intraarticular fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.063A	Displaced intraarticular fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.063B	Displaced intraarticular fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.064A	Nondisplaced intraarticular fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.064B	Nondisplaced intraarticular fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.065A	Nondisplaced intraarticular fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.065B	Nondisplaced intraarticular fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.066A	Nondisplaced intraarticular fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.066B	Nondisplaced intraarticular fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.101A	Unspecified fracture of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.101B	Unspecified fracture of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.102A	Unspecified fracture of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.102B	Unspecified fracture of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.109A	Unspecified fracture of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.109B	Unspecified fracture of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.111A	Displaced fracture of neck of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.111B	Displaced fracture of neck of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.112A	Displaced fracture of neck of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S92.112B	Displaced fracture of neck of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.113A	Displaced fracture of neck of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.113B	Displaced fracture of neck of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.114A	Nondisplaced fracture of neck of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.114B	Nondisplaced fracture of neck of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.115A	Nondisplaced fracture of neck of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.115B	Nondisplaced fracture of neck of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.116A	Nondisplaced fracture of neck of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.116B	Nondisplaced fracture of neck of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.121A	Displaced fracture of body of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.121B	Displaced fracture of body of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.122A	Displaced fracture of body of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.122B	Displaced fracture of body of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.123A	Displaced fracture of body of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.123B	Displaced fracture of body of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.124A	Nondisplaced fracture of body of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.124B	Nondisplaced fracture of body of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.125A	Nondisplaced fracture of body of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.125B	Nondisplaced fracture of body of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.126A	Nondisplaced fracture of body of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.126B	Nondisplaced fracture of body of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.131A	Displaced fracture of posterior process of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.131B	Displaced fracture of posterior process of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.132A	Displaced fracture of posterior process of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.132B	Displaced fracture of posterior process of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.133A	Displaced fracture of posterior process of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S92.133B	Displaced fracture of posterior process of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.134A	Nondisplaced fracture of posterior process of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.134B	Nondisplaced fracture of posterior process of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.135A	Nondisplaced fracture of posterior process of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.135B	Nondisplaced fracture of posterior process of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.136A	Nondisplaced fracture of posterior process of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.136B	Nondisplaced fracture of posterior process of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.141A	Displaced dome fracture of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.141B	Displaced dome fracture of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.142A	Displaced dome fracture of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.142B	Displaced dome fracture of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.143A	Displaced dome fracture of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.143B	Displaced dome fracture of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.144A	Nondisplaced dome fracture of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.144B	Nondisplaced dome fracture of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.145A	Nondisplaced dome fracture of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.145B	Nondisplaced dome fracture of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.146A	Nondisplaced dome fracture of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.146B	Nondisplaced dome fracture of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.151A	Displaced avulsion fracture (chip fracture) of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.151B	Displaced avulsion fracture (chip fracture) of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.152A	Displaced avulsion fracture (chip fracture) of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.152B	Displaced avulsion fracture (chip fracture) of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.153A	Displaced avulsion fracture (chip fracture) of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.153B	Displaced avulsion fracture (chip fracture) of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S92.154A	Nondisplaced avulsion fracture (chip fracture) of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.154B	Nondisplaced avulsion fracture (chip fracture) of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.155A	Nondisplaced avulsion fracture (chip fracture) of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.155B	Nondisplaced avulsion fracture (chip fracture) of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.156A	Nondisplaced avulsion fracture (chip fracture) of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.156B	Nondisplaced avulsion fracture (chip fracture) of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.191A	Other fracture of right talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.191B	Other fracture of right talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.192A	Other fracture of left talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.192B	Other fracture of left talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.199A	Other fracture of unspecified talus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.199B	Other fracture of unspecified talus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.201A	Fracture of unspecified tarsal bone(s) of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.201B	Fracture of unspecified tarsal bone(s) of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.202A	Fracture of unspecified tarsal bone(s) of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.202B	Fracture of unspecified tarsal bone(s) of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.209A	Fracture of unspecified tarsal bone(s) of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.209B	Fracture of unspecified tarsal bone(s) of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.211A	Displaced fracture of cuboid bone of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.211B	Displaced fracture of cuboid bone of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.212A	Displaced fracture of cuboid bone of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.212B	Displaced fracture of cuboid bone of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.213A	Displaced fracture of cuboid bone of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S92.213B	Displaced fracture of cuboid bone of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.214A	Nondisplaced fracture of cuboid bone of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.214B	Nondisplaced fracture of cuboid bone of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.215A	Nondisplaced fracture of cuboid bone of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.215B	Nondisplaced fracture of cuboid bone of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.216A	Nondisplaced fracture of cuboid bone of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.216B	Nondisplaced fracture of cuboid bone of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.221A	Displaced fracture of lateral cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.221B	Displaced fracture of lateral cuneiform of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.222A	Displaced fracture of lateral cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.222B	Displaced fracture of lateral cuneiform of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.223A	Displaced fracture of lateral cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.223B	Displaced fracture of lateral cuneiform of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.224A	Nondisplaced fracture of lateral cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.224B	Nondisplaced fracture of lateral cuneiform of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.225A	Nondisplaced fracture of lateral cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.225B	Nondisplaced fracture of lateral cuneiform of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.226A	Nondisplaced fracture of lateral cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.226B	Nondisplaced fracture of lateral cuneiform of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.231A	Displaced fracture of intermediate cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S92.231B	Displaced fracture of intermediate cuneiform of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.232A	Displaced fracture of intermediate cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.232B	Displaced fracture of intermediate cuneiform of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.233A	Displaced fracture of intermediate cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.233B	Displaced fracture of intermediate cuneiform of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.234A	Nondisplaced fracture of intermediate cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.234B	Nondisplaced fracture of intermediate cuneiform of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.235A	Nondisplaced fracture of intermediate cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.235B	Nondisplaced fracture of intermediate cuneiform of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.236A	Nondisplaced fracture of intermediate cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.236B	Nondisplaced fracture of intermediate cuneiform of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.241A	Displaced fracture of medial cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.241B	Displaced fracture of medial cuneiform of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.242A	Displaced fracture of medial cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.242B	Displaced fracture of medial cuneiform of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.243A	Displaced fracture of medial cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.243B	Displaced fracture of medial cuneiform of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.244A	Nondisplaced fracture of medial cuneiform of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.244B	Nondisplaced fracture of medial cuneiform of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.245A	Nondisplaced fracture of medial cuneiform of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S92.245B	Nondisplaced fracture of medial cuneiform of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.246A	Nondisplaced fracture of medial cuneiform of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.246B	Nondisplaced fracture of medial cuneiform of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.251A	Displaced fracture of navicular [scaphoid] of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.251B	Displaced fracture of navicular [scaphoid] of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.252A	Displaced fracture of navicular [scaphoid] of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.252B	Displaced fracture of navicular [scaphoid] of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.253A	Displaced fracture of navicular [scaphoid] of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.253B	Displaced fracture of navicular [scaphoid] of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.254A	Nondisplaced fracture of navicular [scaphoid] of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.254B	Nondisplaced fracture of navicular [scaphoid] of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.255A	Nondisplaced fracture of navicular [scaphoid] of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.255B	Nondisplaced fracture of navicular [scaphoid] of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.256A	Nondisplaced fracture of navicular [scaphoid] of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.256B	Nondisplaced fracture of navicular [scaphoid] of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.301A	Fracture of unspecified metatarsal bone(s), right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.301B	Fracture of unspecified metatarsal bone(s), right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.302A	Fracture of unspecified metatarsal bone(s), left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.302B	Fracture of unspecified metatarsal bone(s), left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.309A	Fracture of unspecified metatarsal bone(s), unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S92.309B	Fracture of unspecified metatarsal bone(s), unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.311A	Displaced fracture of first metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.311B	Displaced fracture of first metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.312A	Displaced fracture of first metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.312B	Displaced fracture of first metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.313A	Displaced fracture of first metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.313B	Displaced fracture of first metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.314A	Nondisplaced fracture of first metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.314B	Nondisplaced fracture of first metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.315A	Nondisplaced fracture of first metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.315B	Nondisplaced fracture of first metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.316A	Nondisplaced fracture of first metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.316B	Nondisplaced fracture of first metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.321A	Displaced fracture of second metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.321B	Displaced fracture of second metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.322A	Displaced fracture of second metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.322B	Displaced fracture of second metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.323A	Displaced fracture of second metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.323B	Displaced fracture of second metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.324A	Nondisplaced fracture of second metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S92.324B	Nondisplaced fracture of second metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.325A	Nondisplaced fracture of second metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.325B	Nondisplaced fracture of second metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.326A	Nondisplaced fracture of second metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.326B	Nondisplaced fracture of second metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.331A	Displaced fracture of third metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.331B	Displaced fracture of third metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.332A	Displaced fracture of third metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.332B	Displaced fracture of third metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.333A	Displaced fracture of third metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.333B	Displaced fracture of third metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.334A	Nondisplaced fracture of third metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.334B	Nondisplaced fracture of third metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.335A	Nondisplaced fracture of third metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.335B	Nondisplaced fracture of third metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.336A	Nondisplaced fracture of third metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.336B	Nondisplaced fracture of third metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.341A	Displaced fracture of fourth metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.341B	Displaced fracture of fourth metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.342A	Displaced fracture of fourth metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S92.342B	Displaced fracture of fourth metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.343A	Displaced fracture of fourth metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.343B	Displaced fracture of fourth metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.344A	Nondisplaced fracture of fourth metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.344B	Nondisplaced fracture of fourth metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.345A	Nondisplaced fracture of fourth metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.345B	Nondisplaced fracture of fourth metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.346A	Nondisplaced fracture of fourth metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.346B	Nondisplaced fracture of fourth metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.351A	Displaced fracture of fifth metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.351B	Displaced fracture of fifth metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.352A	Displaced fracture of fifth metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.352B	Displaced fracture of fifth metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.353A	Displaced fracture of fifth metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.353B	Displaced fracture of fifth metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.354A	Nondisplaced fracture of fifth metatarsal bone, right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.354B	Nondisplaced fracture of fifth metatarsal bone, right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.355A	Nondisplaced fracture of fifth metatarsal bone, left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.355B	Nondisplaced fracture of fifth metatarsal bone, left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.356A	Nondisplaced fracture of fifth metatarsal bone, unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S92.356B	Nondisplaced fracture of fifth metatarsal bone, unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.401A	Displaced unspecified fracture of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.401B	Displaced unspecified fracture of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.402A	Displaced unspecified fracture of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.402B	Displaced unspecified fracture of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.403A	Displaced unspecified fracture of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.403B	Displaced unspecified fracture of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.404A	Nondisplaced unspecified fracture of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.404B	Nondisplaced unspecified fracture of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.405A	Nondisplaced unspecified fracture of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.405B	Nondisplaced unspecified fracture of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.406A	Nondisplaced unspecified fracture of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.406B	Nondisplaced unspecified fracture of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.411A	Displaced fracture of proximal phalanx of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.411B	Displaced fracture of proximal phalanx of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.412A	Displaced fracture of proximal phalanx of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.412B	Displaced fracture of proximal phalanx of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.413A	Displaced fracture of proximal phalanx of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.413B	Displaced fracture of proximal phalanx of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.414A	Nondisplaced fracture of proximal phalanx of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S92.414B	Nondisplaced fracture of proximal phalanx of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.415A	Nondisplaced fracture of proximal phalanx of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.415B	Nondisplaced fracture of proximal phalanx of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.416A	Nondisplaced fracture of proximal phalanx of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.416B	Nondisplaced fracture of proximal phalanx of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.421A	Displaced fracture of distal phalanx of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.421B	Displaced fracture of distal phalanx of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.422A	Displaced fracture of distal phalanx of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.422B	Displaced fracture of distal phalanx of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.423A	Displaced fracture of distal phalanx of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.423B	Displaced fracture of distal phalanx of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.424A	Nondisplaced fracture of distal phalanx of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.424B	Nondisplaced fracture of distal phalanx of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.425A	Nondisplaced fracture of distal phalanx of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.425B	Nondisplaced fracture of distal phalanx of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.426A	Nondisplaced fracture of distal phalanx of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.426B	Nondisplaced fracture of distal phalanx of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.491A	Other fracture of right great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.491B	Other fracture of right great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.492A	Other fracture of left great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.492B	Other fracture of left great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.499A	Other fracture of unspecified great toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.499B	Other fracture of unspecified great toe, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S92.501A	Displaced unspecified fracture of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.501B	Displaced unspecified fracture of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.502A	Displaced unspecified fracture of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.502B	Displaced unspecified fracture of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.503A	Displaced unspecified fracture of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.503B	Displaced unspecified fracture of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.504A	Nondisplaced unspecified fracture of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.504B	Nondisplaced unspecified fracture of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.505A	Nondisplaced unspecified fracture of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.505B	Nondisplaced unspecified fracture of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.506A	Nondisplaced unspecified fracture of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.506B	Nondisplaced unspecified fracture of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.511A	Displaced fracture of proximal phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.511B	Displaced fracture of proximal phalanx of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.512A	Displaced fracture of proximal phalanx of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.512B	Displaced fracture of proximal phalanx of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.513A	Displaced fracture of proximal phalanx of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.513B	Displaced fracture of proximal phalanx of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.514A	Nondisplaced fracture of proximal phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.514B	Nondisplaced fracture of proximal phalanx of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S92.515A	Nondisplaced fracture of proximal phalanx of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.515B	Nondisplaced fracture of proximal phalanx of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.516A	Nondisplaced fracture of proximal phalanx of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.516B	Nondisplaced fracture of proximal phalanx of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.521A	Displaced fracture of middle phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.521B	Displaced fracture of middle phalanx of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.522A	Displaced fracture of middle phalanx of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.522B	Displaced fracture of middle phalanx of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.523A	Displaced fracture of middle phalanx of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.523B	Displaced fracture of middle phalanx of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.524A	Nondisplaced fracture of middle phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.524B	Nondisplaced fracture of middle phalanx of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.525A	Nondisplaced fracture of middle phalanx of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.525B	Nondisplaced fracture of middle phalanx of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.526A	Nondisplaced fracture of middle phalanx of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.526B	Nondisplaced fracture of middle phalanx of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.531A	Displaced fracture of distal phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.531B	Displaced fracture of distal phalanx of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.532A	Displaced fracture of distal phalanx of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.532B	Displaced fracture of distal phalanx of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S92.533A	Displaced fracture of distal phalanx of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.533B	Displaced fracture of distal phalanx of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.534A	Nondisplaced fracture of distal phalanx of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.534B	Nondisplaced fracture of distal phalanx of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.535A	Nondisplaced fracture of distal phalanx of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.535B	Nondisplaced fracture of distal phalanx of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.536A	Nondisplaced fracture of distal phalanx of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.536B	Nondisplaced fracture of distal phalanx of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.591A	Other fracture of right lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.591B	Other fracture of right lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.592A	Other fracture of left lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.592B	Other fracture of left lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.599A	Other fracture of unspecified lesser toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.599B	Other fracture of unspecified lesser toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.811A	Other fracture of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.811B	Other fracture of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.812A	Other fracture of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.812B	Other fracture of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.819A	Other fracture of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.819B	Other fracture of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.901A	Unspecified fracture of right foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.901B	Unspecified fracture of right foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.902A	Unspecified fracture of left foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.902B	Unspecified fracture of left foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.909A	Unspecified fracture of unspecified foot, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.909B	Unspecified fracture of unspecified foot, initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.911A	Unspecified fracture of right toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.911B	Unspecified fracture of right toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.912A	Unspecified fracture of left toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.912B	Unspecified fracture of left toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM
S92.919A	Unspecified fracture of unspecified toe(s), initial encounter for closed fracture	Diagnosis	ICD-10-CM
S92.919B	Unspecified fracture of unspecified toe(s), initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S99.001A	Unspecified physeal fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.001B	Unspecified physeal fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.002A	Unspecified physeal fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.002B	Unspecified physeal fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.009A	Unspecified physeal fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.009B	Unspecified physeal fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.011A	Salter-Harris Type I physeal fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.011B	Salter-Harris Type I physeal fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.012A	Salter-Harris Type I physeal fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.012B	Salter-Harris Type I physeal fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.019A	Salter-Harris Type I physeal fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.019B	Salter-Harris Type I physeal fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.021A	Salter-Harris Type II physeal fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.021B	Salter-Harris Type II physeal fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.022A	Salter-Harris Type II physeal fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.022B	Salter-Harris Type II physeal fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.029A	Salter-Harris Type II physeal fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.029B	Salter-Harris Type II physeal fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.031A	Salter-Harris Type III physeal fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.031B	Salter-Harris Type III physeal fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S99.032A	Salter-Harris Type III physeal fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.032B	Salter-Harris Type III physeal fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.039A	Salter-Harris Type III physeal fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.039B	Salter-Harris Type III physeal fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.041A	Salter-Harris Type IV physeal fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.041B	Salter-Harris Type IV physeal fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.042A	Salter-Harris Type IV physeal fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.042B	Salter-Harris Type IV physeal fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.049A	Salter-Harris Type IV physeal fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.049B	Salter-Harris Type IV physeal fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.091A	Other physeal fracture of right calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.091B	Other physeal fracture of right calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.092A	Other physeal fracture of left calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.092B	Other physeal fracture of left calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.099A	Other physeal fracture of unspecified calcaneus, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.099B	Other physeal fracture of unspecified calcaneus, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.101A	Unspecified physeal fracture of right metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.101B	Unspecified physeal fracture of right metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.102A	Unspecified physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.102B	Unspecified physeal fracture of left metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.109A	Unspecified physeal fracture of unspecified metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.109B	Unspecified physeal fracture of unspecified metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S99.111A	Salter-Harris Type I physeal fracture of right metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.111B	Salter-Harris Type I physeal fracture of right metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.112A	Salter-Harris Type I physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.112B	Salter-Harris Type I physeal fracture of left metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.119A	Salter-Harris Type I physeal fracture of unspecified metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.119B	Salter-Harris Type I physeal fracture of unspecified metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.121A	Salter-Harris Type II physeal fracture of right metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.121B	Salter-Harris Type II physeal fracture of right metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.122A	Salter-Harris Type II physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.122B	Salter-Harris Type II physeal fracture of left metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.129A	Salter-Harris Type II physeal fracture of unspecified metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.129B	Salter-Harris Type II physeal fracture of unspecified metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.131A	Salter-Harris Type III physeal fracture of right metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.131B	Salter-Harris Type III physeal fracture of right metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.132A	Salter-Harris Type III physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.132B	Salter-Harris Type III physeal fracture of left metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.139A	Salter-Harris Type III physeal fracture of unspecified metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.139B	Salter-Harris Type III physeal fracture of unspecified metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.141A	Salter-Harris Type IV physeal fracture of right metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.141B	Salter-Harris Type IV physeal fracture of right metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S99.142A	Salter-Harris Type IV physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.142B	Salter-Harris Type IV physeal fracture of left metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.149A	Salter-Harris Type IV physeal fracture of unspecified metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.149B	Salter-Harris Type IV physeal fracture of unspecified metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.191A	Other physeal fracture of right metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.191B	Other physeal fracture of right metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.192A	Other physeal fracture of left metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.192B	Other physeal fracture of left metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.199A	Other physeal fracture of unspecified metatarsal, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.199B	Other physeal fracture of unspecified metatarsal, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.201A	Unspecified physeal fracture of phalanx of right toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.201B	Unspecified physeal fracture of phalanx of right toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.202A	Unspecified physeal fracture of phalanx of left toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.202B	Unspecified physeal fracture of phalanx of left toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.209A	Unspecified physeal fracture of phalanx of unspecified toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.209B	Unspecified physeal fracture of phalanx of unspecified toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.211A	Salter-Harris Type I physeal fracture of phalanx of right toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.211B	Salter-Harris Type I physeal fracture of phalanx of right toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.212A	Salter-Harris Type I physeal fracture of phalanx of left toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.212B	Salter-Harris Type I physeal fracture of phalanx of left toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.219A	Salter-Harris Type I physeal fracture of phalanx of unspecified toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.219B	Salter-Harris Type I physeal fracture of phalanx of unspecified toe, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S99.221A	Salter-Harris Type II physeal fracture of phalanx of right toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.221B	Salter-Harris Type II physeal fracture of phalanx of right toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.222A	Salter-Harris Type II physeal fracture of phalanx of left toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.222B	Salter-Harris Type II physeal fracture of phalanx of left toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.229A	Salter-Harris Type II physeal fracture of phalanx of unspecified toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.229B	Salter-Harris Type II physeal fracture of phalanx of unspecified toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.231A	Salter-Harris Type III physeal fracture of phalanx of right toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.231B	Salter-Harris Type III physeal fracture of phalanx of right toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.232A	Salter-Harris Type III physeal fracture of phalanx of left toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.232B	Salter-Harris Type III physeal fracture of phalanx of left toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.239A	Salter-Harris Type III physeal fracture of phalanx of unspecified toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.239B	Salter-Harris Type III physeal fracture of phalanx of unspecified toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.241A	Salter-Harris Type IV physeal fracture of phalanx of right toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.241B	Salter-Harris Type IV physeal fracture of phalanx of right toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.242A	Salter-Harris Type IV physeal fracture of phalanx of left toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.242B	Salter-Harris Type IV physeal fracture of phalanx of left toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.249A	Salter-Harris Type IV physeal fracture of phalanx of unspecified toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.249B	Salter-Harris Type IV physeal fracture of phalanx of unspecified toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.291A	Other physeal fracture of phalanx of right toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.291B	Other physeal fracture of phalanx of right toe, initial encounter for open fracture	Diagnosis	ICD-10-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
S99.292A	Other physeal fracture of phalanx of left toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.292B	Other physeal fracture of phalanx of left toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
S99.299A	Other physeal fracture of phalanx of unspecified toe, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S99.299B	Other physeal fracture of phalanx of unspecified toe, initial encounter for open fracture	Diagnosis	ICD-10-CM
T14.8XXA	Other injury of unspecified body region, initial encounter	Diagnosis	ICD-10-CM
Secondary: Hip Replacement			
81.51	Total hip replacement	Procedure	ICD-9-CM
81.52	Partial hip replacement	Procedure	ICD-9-CM
27125	Hemiarthroplasty, hip, partial (eg, femoral stem prosthesis, bipolar arthroplasty)	Procedure	CPT-4
27130	Arthroplasty, acetabular and proximal femoral prosthetic replacement (total hip arthroplasty), with or without autograft or allograft	Procedure	CPT-4
27236	Open treatment of femoral fracture, proximal end, neck, internal fixation or prosthetic replacement	Procedure	CPT-4
0SR9019	Replacement of Right Hip Joint with Metal Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
0SR901A	Replacement of Right Hip Joint with Metal Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
0SR901Z	Replacement of Right Hip Joint with Metal Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0SR9029	Replacement of Right Hip Joint with Metal on Polyethylene Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
0SR902A	Replacement of Right Hip Joint with Metal on Polyethylene Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
0SR902Z	Replacement of Right Hip Joint with Metal on Polyethylene Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0SR9039	Replacement of Right Hip Joint with Ceramic Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
0SR903A	Replacement of Right Hip Joint with Ceramic Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
0SR903Z	Replacement of Right Hip Joint with Ceramic Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0SR9049	Replacement of Right Hip Joint with Ceramic on Polyethylene Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
0SR904A	Replacement of Right Hip Joint with Ceramic on Polyethylene Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
0SR904Z	Replacement of Right Hip Joint with Ceramic on Polyethylene Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
OSR9069	Replacement of Right Hip Joint with Oxidized Zirconium on Polyethylene Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSR906A	Replacement of Right Hip Joint with Oxidized Zirconium on Polyethylene Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSR906Z	Replacement of Right Hip Joint with Oxidized Zirconium on Polyethylene Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSR907Z	Replacement of Right Hip Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSR90J9	Replacement of Right Hip Joint with Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSR90JA	Replacement of Right Hip Joint with Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSR90JZ	Replacement of Right Hip Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSR90KZ	Replacement of Right Hip Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRA009	Replacement of Right Hip Joint, Acetabular Surface with Polyethylene Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRA00A	Replacement of Right Hip Joint, Acetabular Surface with Polyethylene Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRA00Z	Replacement of Right Hip Joint, Acetabular Surface with Polyethylene Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRA019	Replacement of Right Hip Joint, Acetabular Surface with Metal Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRA01A	Replacement of Right Hip Joint, Acetabular Surface with Metal Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRA01Z	Replacement of Right Hip Joint, Acetabular Surface with Metal Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRA039	Replacement of Right Hip Joint, Acetabular Surface with Ceramic Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRA03A	Replacement of Right Hip Joint, Acetabular Surface with Ceramic Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRA03Z	Replacement of Right Hip Joint, Acetabular Surface with Ceramic Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRA07Z	Replacement of Right Hip Joint, Acetabular Surface with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRA0J9	Replacement of Right Hip Joint, Acetabular Surface with Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRA0JA	Replacement of Right Hip Joint, Acetabular Surface with Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRA0JZ	Replacement of Right Hip Joint, Acetabular Surface with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
OSRA0KZ	Replacement of Right Hip Joint, Acetabular Surface with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRB019	Replacement of Left Hip Joint with Metal Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRB01A	Replacement of Left Hip Joint with Metal Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRB01Z	Replacement of Left Hip Joint with Metal Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRB029	Replacement of Left Hip Joint with Metal on Polyethylene Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRB02A	Replacement of Left Hip Joint with Metal on Polyethylene Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRB02Z	Replacement of Left Hip Joint with Metal on Polyethylene Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRB039	Replacement of Left Hip Joint with Ceramic Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRB03A	Replacement of Left Hip Joint with Ceramic Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRB03Z	Replacement of Left Hip Joint with Ceramic Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRB049	Replacement of Left Hip Joint with Ceramic on Polyethylene Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRB04A	Replacement of Left Hip Joint with Ceramic on Polyethylene Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRB04Z	Replacement of Left Hip Joint with Ceramic on Polyethylene Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRB069	Replacement of Left Hip Joint with Oxidized Zirconium on Polyethylene Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRB06A	Replacement of Left Hip Joint with Oxidized Zirconium on Polyethylene Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRB06Z	Replacement of Left Hip Joint with Oxidized Zirconium on Polyethylene Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRB07Z	Replacement of Left Hip Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRB0J9	Replacement of Left Hip Joint with Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRB0JA	Replacement of Left Hip Joint with Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRB0JZ	Replacement of Left Hip Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRB0KZ	Replacement of Left Hip Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
OSRE009	Replacement of Left Hip Joint, Acetabular Surface with Polyethylene Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRE00A	Replacement of Left Hip Joint, Acetabular Surface with Polyethylene Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRE00Z	Replacement of Left Hip Joint, Acetabular Surface with Polyethylene Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRE019	Replacement of Left Hip Joint, Acetabular Surface with Metal Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRE01A	Replacement of Left Hip Joint, Acetabular Surface with Metal Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRE01Z	Replacement of Left Hip Joint, Acetabular Surface with Metal Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRE039	Replacement of Left Hip Joint, Acetabular Surface with Ceramic Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRE03A	Replacement of Left Hip Joint, Acetabular Surface with Ceramic Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRE03Z	Replacement of Left Hip Joint, Acetabular Surface with Ceramic Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRE07Z	Replacement of Left Hip Joint, Acetabular Surface with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRE0J9	Replacement of Left Hip Joint, Acetabular Surface with Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRE0JA	Replacement of Left Hip Joint, Acetabular Surface with Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRE0JZ	Replacement of Left Hip Joint, Acetabular Surface with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRE0KZ	Replacement of Left Hip Joint, Acetabular Surface with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRR019	Replacement of Right Hip Joint, Femoral Surface with Metal Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRR01A	Replacement of Right Hip Joint, Femoral Surface with Metal Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRR01Z	Replacement of Right Hip Joint, Femoral Surface with Metal Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRR039	Replacement of Right Hip Joint, Femoral Surface with Ceramic Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRR03A	Replacement of Right Hip Joint, Femoral Surface with Ceramic Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRR03Z	Replacement of Right Hip Joint, Femoral Surface with Ceramic Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
OSRR07Z	Replacement of Right Hip Joint, Femoral Surface with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRR0J9	Replacement of Right Hip Joint, Femoral Surface with Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRR0JA	Replacement of Right Hip Joint, Femoral Surface with Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRR0JZ	Replacement of Right Hip Joint, Femoral Surface with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRR0KZ	Replacement of Right Hip Joint, Femoral Surface with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRS019	Replacement of Left Hip Joint, Femoral Surface with Metal Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRS01A	Replacement of Left Hip Joint, Femoral Surface with Metal Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRS01Z	Replacement of Left Hip Joint, Femoral Surface with Metal Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRS039	Replacement of Left Hip Joint, Femoral Surface with Ceramic Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRS03A	Replacement of Left Hip Joint, Femoral Surface with Ceramic Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRS03Z	Replacement of Left Hip Joint, Femoral Surface with Ceramic Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRS07Z	Replacement of Left Hip Joint, Femoral Surface with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRS0J9	Replacement of Left Hip Joint, Femoral Surface with Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRS0JA	Replacement of Left Hip Joint, Femoral Surface with Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRS0JZ	Replacement of Left Hip Joint, Femoral Surface with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRS0KZ	Replacement of Left Hip Joint, Femoral Surface with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
27125	Hemiarthroplasty, hip, partial (eg, femoral stem prosthesis, bipolar arthroplasty)	Procedure	CPT-4
27130	Arthroplasty, acetabular and proximal femoral prosthetic replacement (total hip arthroplasty), with or without autograft or allograft	Procedure	CPT-4
27236	Open treatment of femoral fracture, proximal end, neck, internal fixation or prosthetic replacement	Procedure	CPT-4
Secondary: TMJ Replacement			
76.5	Temporomandibular arthroplasty	Procedure	ICD-9-CM

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
21240	Arthroplasty, temporomandibular joint, with or without autograft (includes obtaining graft)	Procedure	CPT-4
21242	Arthroplasty, temporomandibular joint, with allograft	Procedure	CPT-4
21243	Arthroplasty, temporomandibular joint, with prosthetic joint replacement	Procedure	CPT-4
ORQC0ZZ	Repair Right Temporomandibular Joint, Open Approach	Procedure	ICD-10-PCS
ORQC3ZZ	Repair Right Temporomandibular Joint, Percutaneous Approach	Procedure	ICD-10-PCS
ORQC4ZZ	Repair Right Temporomandibular Joint, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORQD0ZZ	Repair Left Temporomandibular Joint, Open Approach	Procedure	ICD-10-PCS
ORQD3ZZ	Repair Left Temporomandibular Joint, Percutaneous Approach	Procedure	ICD-10-PCS
ORQD4ZZ	Repair Left Temporomandibular Joint, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORRC07Z	Replacement of Right Temporomandibular Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORRC0JZ	Replacement of Right Temporomandibular Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
ORRC0KZ	Replacement of Right Temporomandibular Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORRD07Z	Replacement of Left Temporomandibular Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORRD0JZ	Replacement of Left Temporomandibular Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
ORRD0KZ	Replacement of Left Temporomandibular Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORUC07Z	Supplement Right Temporomandibular Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORUC0JZ	Supplement Right Temporomandibular Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
ORUC0KZ	Supplement Right Temporomandibular Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORUC37Z	Supplement Right Temporomandibular Joint with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUC3JZ	Supplement Right Temporomandibular Joint with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUC3KZ	Supplement Right Temporomandibular Joint with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUC47Z	Supplement Right Temporomandibular Joint with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUC4JZ	Supplement Right Temporomandibular Joint with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUC4KZ	Supplement Right Temporomandibular Joint with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix H. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Outcomes in this Request

Code	Description	Code	
		Category	Code Type
ORUD07Z	Supplement Left Temporomandibular Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORUD0JZ	Supplement Left Temporomandibular Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
ORUD0KZ	Supplement Left Temporomandibular Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORUD37Z	Supplement Left Temporomandibular Joint with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUD3JZ	Supplement Left Temporomandibular Joint with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUD3KZ	Supplement Left Temporomandibular Joint with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUD47Z	Supplement Left Temporomandibular Joint with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUD4JZ	Supplement Left Temporomandibular Joint with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUD4KZ	Supplement Left Temporomandibular Joint with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
21240	Arthroplasty, temporomandibular joint, with or without autograft (includes obtaining graft)	Procedure	CPT-4
21242	Arthroplasty, temporomandibular joint, with allograft	Procedure	CPT-4
21243	Arthroplasty, temporomandibular joint, with prosthetic joint replacement	Procedure	CPT-4

Appendix I. List of Current Procedural Terminology, Fourth Edition, Category II (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Patient Characteristics in this Request

Code	Description	Code Category	Code Type
Drugs that Affect Bone Density			
Anticoagulants			
C9107	INJ TINZAPARIN NAIUM PER 2ML VIAL	Procedure	HCPCS
J0884	INJ ARGATROBN 1 MG ESRD ON DIALYSIS	Procedure	HCPCS
J0883	INJ ARGATROBAN 1 MG NON-ESRD USE	Procedure	HCPCS
C9121	INJECTION ARGATROBAN PER 5 MG	Procedure	HCPCS
J0583	INJECTION BIVALIRUDIN 1 MG	Procedure	HCPCS
C9111	INJECTION BIVALIRUDIN 250 MG-VIAL	Procedure	HCPCS
J1645	INJ DALTEPARIN SODIUM PER 2500 IU	Procedure	HCPCS
J1650	INJECTION ENOXAPARIN SODIUM 10 MG	Procedure	HCPCS
J1652	INJ FONDAPARINUX SODIUM 0.5 MG	Procedure	HCPCS
J1642	INJECTION HEPARIN SODIUM 10 UNITS	Procedure	HCPCS
J1644	INJ HEPARIN SODIUM PER 1000 UNITS	Procedure	HCPCS
J1945	INJECTION LEPIRUDIN 50 MG	Procedure	HCPCS
Q2021	INJECTION LEPIRUDIN 50 MG	Procedure	HCPCS
J1655	INJECTION TINZAPARIN SODIUM 1000 IU	Procedure	HCPCS
G8967	WARFARIN/ANR FDA APRV ORAL AC PRESC	Procedure	HCPCS
Bisphosphonates			
J1436	INJ ETIDRONATE DISODIUM PER 300 MG	Procedure	HCPCS
J1740	INJECTION IBANDRONATE SODIUM 1 MG	Procedure	HCPCS
C9229	INJ BANDRONATE SODIUM PER 1 MG	Procedure	HCPCS
J2430	INJ PAMIDRONATE DISODIUM PER 30 MG	Procedure	HCPCS
C9411	INJ PAMIDRONATE DISODUM 30 MG BRAND	Procedure	HCPCS
J3489	INJECTION ZOLEDRONIC ACID 1 MG	Procedure	HCPCS
Q2051	INJECTION ZOLEDRONIC ACID NOS 1 MG	Procedure	HCPCS
C9115	INJECTION ZOLEDRONIC ACID PER 2 MG	Procedure	HCPCS
Q4095	INJ ZOLEDRONIC ACID RECLAST 1 MG	Procedure	HCPCS
J3488	INJ ZOLEDRONICCID RECLAST 1 MG	Procedure	HCPCS
J3487	INJECTION ZOLEDRONICCID ZOMETETA 1 MG	Procedure	HCPCS
Anti-Epileptic Drugs			
Q2009	INJ FOSPHENYTOIN 50 MG PHENYTOIN EQ	Procedure	HCPCS
J3360	INJECTION DIAZEPAM UP TO 5 MG	Procedure	HCPCS
S0078	INJ FOSPHENYTOIN SODIUM 750 MG	Procedure	HCPCS
C9254	INJECTION LACOSAMIDE 1 MG	Procedure	HCPCS
C9238	INJECTION LEVETIRACETAM 10 MG	Procedure	HCPCS
J1953	INJECTION LEVETIRACETAM 10 MG	Procedure	HCPCS
J2560	INJ PHENOBARBITAL SODIUM TO 120 MG	Procedure	HCPCS
J1165	INJ PHENYTOIN SODIUM PER 50 MG	Procedure	HCPCS
Corticosteroids			
J7624	BETAMETHASONE INHAL CP UNIT PER MG	Procedure	HCPCS
J7634	BUDESONIDE INHAL CP DME 0.25 MG	Procedure	HCPCS
J7627	BUDESONIDE INHAL CP UNIT TO 0.5 MG	Procedure	HCPCS
J7633	BUDESONIDE INHAL NON-CP CNC 0.25 MG	Procedure	HCPCS

Appendix I. List of Current Procedural Terminology, Fourth Edition, Category II (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Patient Characteristics in this Request

Code	Description	Code Category	Code Type
J7626	BUDESONIDE INHAL NON-CP U TO 0.5 MG	Procedure	HCPCS
K0512	DEX INHAL SOL ADMIN THRU DME CONCEN	Procedure	HCPCS
K0513	DEX INHAL SOL ADMIN THRU DME U DOSE	Procedure	HCPCS
J7637	DEXAMETHASONE INHAL CP CONC PER MG	Procedure	HCPCS
J7638	DEXAMETHASONE INHAL CP UNIT PER MG	Procedure	HCPCS
J8540	DEXAMETHASONE ORAL 0.25 MG	Procedure	HCPCS
S0173	DEXAMETHASONE ORAL 4 MG	Procedure	HCPCS
J7641	FLUNISOLIDE INHAL COMP UNIT PER MG	Procedure	HCPCS
J0702	INJ BETAMETHASONE AC & PHOS 3 MG	Procedure	HCPCS
C9256	INJ DEXAMETH INTRAVITRL IMPL 0.1 MG	Procedure	HCPCS
J1710	INJ HYDROCORTISON SOD PHOS TO 50 MG	Procedure	HCPCS
J1720	INJ HYDROCORTSON SOD SUCC TO 100 MG	Procedure	HCPCS
J2930	INJ METHYLPRDNISLN SODIM TO 125 MG	Procedure	HCPCS
J2920	INJ METHYLPRDNISOLON SODIM TO 40 MG	Procedure	HCPCS
J2640	INJ PREDNISOLONE SODIUM PHOSPHATE T	Procedure	HCPCS
C9469	INJ TAA PF EXT-REL MS F 1 MG	Procedure	HCPCS
J3300	INJ TRIAMCINOLONE ACETONIDE PF 1 MG	Procedure	HCPCS
J0704	INJ BETAMETHSONE SODIM PHOSHAT-4 MG	Procedure	HCPCS
J1094	INJECTION DEXAMETHASONE ACTAT 1 MG	Procedure	HCPCS
J7312	INJ DEXAMETH INTRAVIT IMPL 0.1 MG	Procedure	HCPCS
J1100	INJ DEXMETHOSON SODIM PHOSHATE 1 MG	Procedure	HCPCS
J1700	INJ HYDROCORTISONE ACTAT TO 25 MG	Procedure	HCPCS
J1020	INJ METHYLPRDNISOLONE ACTAT 20 MG	Procedure	HCPCS
J1030	INJ METHYLPRDNISOLONE ACTAT 40 MG	Procedure	HCPCS
J1040	INJ METHYLPRDNISOLONE ACTAT 80 MG	Procedure	HCPCS
J2650	INJ PREDNISOLONE ACETATE TO 1 ML	Procedure	HCPCS
J3301	INJ TRIAMCINOLON ACETONID NOS 10 MG	Procedure	HCPCS
J3302	INJ TRIAMCINOLONE DIACTAT 5 MG	Procedure	HCPCS
J3303	INJ TRIAMCINOLONE HEXACETONIDE 5 MG	Procedure	HCPCS
J1095	INJECTION, DEXAMETHASONE ACETATE, P	Procedure	HCPCS
J1690	INJ PREDNISOLONE TEBUTATE TO 20 MG	Procedure	HCPCS
J7509	METHYLPREDNISOLONE ORAL PER 4 MG	Procedure	HCPCS
S1090	MOMETASONE FUROATE SS IMPL 370 MCG	Procedure	HCPCS
4193F	PT RCV <10MG DAILY PREDNISO	Procedure	CPT-4
4194F	PT RCV =>10MG DAILY PREDNISO	Procedure	CPT-4
J7510	PREDNISOLONE ORAL PER 5 MG	Procedure	HCPCS
J7512	PDN IMMEDI RLSE/DELAY RLSE ORAL 1 MG	Procedure	HCPCS
J7506	PREDNISONE ORAL PER 5 MG	Procedure	HCPCS
J7683	TRIAMCINOLONE INHAL CP CONC PER MG	Procedure	HCPCS
J7684	TRIAMCINOLONE INHAL CP UNIT PER MG	Procedure	HCPCS
K0527	TRIAMCINOLONE INHAL SOL ADMIN THRU	Procedure	HCPCS
K0528	TRIAMCINOLONE INHAL SOL VIA DME U D	Procedure	HCPCS

Chemotherapy

Appendix I. List of Current Procedural Terminology, Fourth Edition, Category II (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Patient Characteristics in this Request

Code	Description	Code Category	Code Type
S0170	ANASTROZOLE ORAL 1 MG	Procedure	HCPCS
S0116	BEVACIZUMAB 100 MG	Procedure	HCPCS
C9417	BLEOMYCIN SULFATE 15 UNITS BRAND	Procedure	HCPCS
S0115	BORTEZOMIB 3.5 MG	Procedure	HCPCS
J8510	BUSULFAN ORAL 2 MG	Procedure	HCPCS
J8520	CAPECITABINE ORAL 150 MG	Procedure	HCPCS
J8521	CAPECITABINE ORAL 500 MG	Procedure	HCPCS
C9437	CARMUSTINE BRAND NAME 100 MG	Procedure	HCPCS
S0172	CHLORAMBUCIL ORAL 2 MG	Procedure	HCPCS
J9062	CISPLATIN 50 MG	Procedure	HCPCS
C9418	CISPLATIN POWDR/SOL PER 10 MG BRAND	Procedure	HCPCS
J7632	CROMOLYN NA I SOL CP PROD UD 10 MG	Procedure	HCPCS
K0511	CROMOLYN SODIUM INHAL SOL VIA DME U	Procedure	HCPCS
J7631	CROMOLYN NA I SOL NONCP UD P 10 MG	Procedure	HCPCS
J7630	CROMOLYN SODIUM PER 20MG	Procedure	HCPCS
J9091	CYCLOPHOSPHAMIDE 1 G	Procedure	HCPCS
J9070	CYCLOPHOSPHAMIDE 100 MG	Procedure	HCPCS
C9420	CYCLOPHOSPHAMIDE 100 MG BRAND NAME	Procedure	HCPCS
J9092	CYCLOPHOSPHAMIDE 2 G	Procedure	HCPCS
J9080	CYCLOPHOSPHAMIDE 200 MG	Procedure	HCPCS
J9090	CYCLOPHOSPHAMIDE 500 MG	Procedure	HCPCS
J9096	CYCLOPHOSPHAMIDE LYOPHILIZED 1 G	Procedure	HCPCS
J9093	CYCLOPHOSPHAMIDE LYOPHILIZED 100 MG	Procedure	HCPCS
C9421	CYCLOPHOSPHAMIDE LYO 100 MG BRAND	Procedure	HCPCS
J9097	CYCLOPHOSPHAMIDE LYOPHILIZED 2 G	Procedure	HCPCS
J9094	CYCLOPHOSPHAMIDE LYOPHILIZED 200 MG	Procedure	HCPCS
J9095	CYCLOPHOSPHAMIDE LYOPHILIZED 500 MG	Procedure	HCPCS
J8530	CYCLOPHOSHAMIDE ORAL 25 MG	Procedure	HCPCS
C9422	CYTARABINE 100 MG BRAND NAME	Procedure	HCPCS
J9130	DACARBAZINE 100 MG	Procedure	HCPCS
C9423	DACARBAZINE 100 MG BRAND NAME	Procedure	HCPCS
J9140	DACARBAZINE 200 MG	Procedure	HCPCS
C1084	DENILEUKIN DIFTITOX 300 MCG ONTAK I	Procedure	HCPCS
C9439	DES-DP BRAND NAME 250 MG	Procedure	HCPCS
C9415	DOXORUBICIN HCL 10 MG BRAND NAME	Procedure	HCPCS
J9180	EPIRUBICIN HYDROCHLORIDE 50 MG	Procedure	HCPCS
C9425	ETOPOSIDE 10 MG BRAND NAME	Procedure	HCPCS
J9182	ETOPOSIDE 100 MG	Procedure	HCPCS
J8560	ETOPOSIDE ORAL 50 MG	Procedure	HCPCS
C9414	ETOPOSIDE ORAL 50 MG BRAND NAME	Procedure	HCPCS
J7527	EVEROLIMUS ORAL 0. 25 MG	Procedure	HCPCS
J8561	EVEROLIMUS ORAL 0.25 MG	Procedure	HCPCS
S0156	EXEMESTANE 25 MG	Procedure	HCPCS

Appendix I. List of Current Procedural Terminology, Fourth Edition, Category II (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Patient Characteristics in this Request

Code	Description	Code Category	Code Type
C9426	FLOXURIDINE 500 MG BRAND NAME	Procedure	HCPCS
C9262	FLUDARABINE PHOSPHATE ORAL 1 MG	Procedure	HCPCS
Q2025	FLUDARABINE PHOSPHATE ORAL 1 MG	Procedure	HCPCS
J8562	FLUDARABINE PHOSPHATE ORAL 10 MG	Procedure	HCPCS
S0175	FLUTAMIDE ORAL 125 MG	Procedure	HCPCS
J8565	GEFITINIB ORAL 250 MG	Procedure	HCPCS
S0176	HYDROXYUREA ORAL 500 MG	Procedure	HCPCS
C9429	IDARUBICIN HCL 5 MG BRAND NAME	Procedure	HCPCS
C9427	IFISFANUDE 1 GM BRAND NAME	Procedure	HCPCS
C9216	INJ ABARELIX INJ SUSP PER 10 MG	Procedure	HCPCS
J9354	INJ ADO-TRASTUZUMAB EMTANSINE 1 MG	Procedure	HCPCS
C9110	INJ ALEMTUZUMAB, PER 10 MG/ ML	Procedure	HCPCS
C9289	INJ ASPARAGINASE ECH 1000 IU	Procedure	HCPCS
J9151	INJ DAUNORUBICIN CITRATE LIP 10 MG	Procedure	HCPCS
J9001	INJ DOXORUBICIN HCL LIPID 10 MG	Procedure	HCPCS
C9004	INJ GEMTUZUMAB OZOGAMICIN PER 5 MG	Procedure	HCPCS
J1055	INJ MDRXYPRGESTRON CNTRACPT 150 MG	Procedure	HCPCS
J1056	INJ MDRXYPRGESTRON/ESTRDIOL 5/25MG	Procedure	HCPCS
C9127	INJ PACLITAXEL PROTEIN BOUND 1 MG	Procedure	HCPCS
C9235	INJ PANITUMUMAB 10 MG	Procedure	HCPCS
J9325	INJ T-VEC PER 1 M PLAQUE FORM UNITS	Procedure	HCPCS
J0128	INJECTION ABARELIX 10 MG	Procedure	HCPCS
S0165	INJECTION ABARELIX 100 MG	Procedure	HCPCS
C9131	INJ ADO-TRASTUZUMAB EMTANSINE 1 MG	Procedure	HCPCS
J9015	INJ ALDESLEUKIN PER SINGLE USE VIAL	Procedure	HCPCS
J0202	INJECTION ALEMTUZUMAB 1 MG	Procedure	HCPCS
Q9979	INJECTION ALEMTUZUMAB 1 MG	Procedure	HCPCS
J9010	INJECTION ALEMTUZUMAB 10 MG	Procedure	HCPCS
S0087	INJECTION ALEMTUZUMAB 30 MG	Procedure	HCPCS
J9017	INJECTION ARSENIC TRIOXIDE 1 MG	Procedure	HCPCS
C9012	INJECTION ARSENIC TRIOXIDE-1 MG/KG	Procedure	HCPCS
J9020	INJECTION ASPARAGINASE 10000 UNITS	Procedure	HCPCS
J9019	INJ ASPARAGINASE ERWINAZE 1000 IU	Procedure	HCPCS
C9483	INJECTION ATEZOLIZUMAB 10 MG	Procedure	HCPCS
J9022	INJECTION ATEZOLIZUMAB 10 MG	Procedure	HCPCS
C9491	INJECTION AVELUMAB 10 MG	Procedure	HCPCS
J9023	INJECTION AVELUMAB 10 MG	Procedure	HCPCS
J9025	INJECTION AZACITIDINE 1 MG	Procedure	HCPCS
S0168	INJECTION AZACITIDINE 100 MG	Procedure	HCPCS
C9218	INJECTION AZACITIDINE PER 1 MG	Procedure	HCPCS
C9442	INJECTION BELINOSTAT 10 MG	Procedure	HCPCS
J9032	INJECTION BELINOSTAT 10 MG	Procedure	HCPCS
C9243	INJECTION BENDAMUSTINE HCL 1 MG	Procedure	HCPCS

Appendix I. List of Current Procedural Terminology, Fourth Edition, Category II (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Patient Characteristics in this Request

Code	Description	Code Category	Code Type
J9034	INJ BENDAMUSTINE HCL BENDEKA 1 MG	Procedure	HCPCS
J9033	INJ BENDAMUSTINE HCL TREANDA 1 MG	Procedure	HCPCS
C9257	INJECTION BEVACIZUMAB 0.25 MG	Procedure	HCPCS
Q2024	INJECTION BEVACIZUMAB 0.25 MG	Procedure	HCPCS
J9035	INJECTION BEVACIZUMAB 10 MG	Procedure	HCPCS
C9214	INJECTION BEVACIZUMAB PER 10 MG	Procedure	HCPCS
J9040	INJECTION BLEOMYCIN SULFATE 15 UNIT	Procedure	HCPCS
C9449	INJECTION BLINATUMOMAB 1 MCG	Procedure	HCPCS
J9039	INJECTION BLINATUMOMAB 1 MICROGRAM	Procedure	HCPCS
J9041	INJECTION BORTEZOMIB 0.1 MG	Procedure	HCPCS
C9207	INJECTION BORTEZOMIB PER 3.5 MG	Procedure	HCPCS
C9287	INJECTION BRENTUXIMAB VEDOTIN 1 MG	Procedure	HCPCS
J9042	INJECTION BRENTUXIMAB VEDOTIN 1 MG	Procedure	HCPCS
J0594	INJECTION BUSULFAN 1 MG	Procedure	HCPCS
C1178	INJECTION BUSULFAN PER 6 MG	Procedure	HCPCS
C9276	INJECTION CABAZITAXEL 1 MG	Procedure	HCPCS
J9043	INJECTION CABAZITAXEL 1 MG	Procedure	HCPCS
J9045	INJECTION CARBOPLATIN 50 MG	Procedure	HCPCS
C9295	INJECTION CARFILZOMIB 1 MG	Procedure	HCPCS
J9047	INJECTION CARFILZOMIB 1 MG	Procedure	HCPCS
J9050	INJECTION CARMUSTINE 100 MG	Procedure	HCPCS
J9055	INJECTION CETUXIMAB 10 MG	Procedure	HCPCS
C9215	INJECTION CETUXIMAB PER 10 MG	Procedure	HCPCS
J9060	INJ CISPLATIN POWDER/SOLUTION 10 MG	Procedure	HCPCS
J9065	INJECTION CLADRIBINE PER 1 MG	Procedure	HCPCS
C9419	INJECTION CLADRIBINE PER 1 MG BRAND	Procedure	HCPCS
J9027	INJECTION CLOFARABINE 1 MG	Procedure	HCPCS
C9129	INJECTION CLOFARABINE PER 1 MG	Procedure	HCPCS
J9100	INJECTION CYTARABINE 100 MG	Procedure	HCPCS
J9110	INJECTION CYTARABINE 500 MG	Procedure	HCPCS
J9098	INJECTION CYTARABINE LIPOSOME 10 MG	Procedure	HCPCS
C1166	INJECTION CYTRABIN LIPOSOME-10 MG	Procedure	HCPCS
J9120	INJECTION DACTINOMYCIN 0.5 MG	Procedure	HCPCS
C9476	INJECTION DARATUMUMAB 10 MG	Procedure	HCPCS
J9145	INJECTION DARATUMUMAB 10 MG	Procedure	HCPCS
J0894	INJECTION DECITABINE 1 MG	Procedure	HCPCS
C9231	INJECTION DECITABINE PER 1 MG	Procedure	HCPCS
J9160	INJ DENILEUKIN DIFTITOX 300 MCG	Procedure	HCPCS
J9165	INJ DIETHYLSTILBESTROL 250 MG	Procedure	HCPCS
J9171	INJECTION DOCETAXEL 1 MG	Procedure	HCPCS
J9170	INJECTION DOCETAXEL 20 MG	Procedure	HCPCS
J9000	INJECTION DOXORUBICIN HCL 10 MG	Procedure	HCPCS
C9492	INJECTION DURVALUMAB 10 MG	Procedure	HCPCS

Appendix I. List of Current Procedural Terminology, Fourth Edition, Category II (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Patient Characteristics in this Request

Code	Description	Code Category	Code Type
C9477	INJECTION ELOTUZUMAB 1 MG	Procedure	HCPCS
J9176	INJECTION ELOTUZUMAB 1 MG	Procedure	HCPCS
J9178	INJECTION EPIRUBICIN HCL 2 MG	Procedure	HCPCS
C1167	INJ EPIRUBICIN HYDROCHLORID 2 MG	Procedure	HCPCS
J9179	INJECTION ERIBULIN MESYLATE 0.1 MG	Procedure	HCPCS
C9280	INJECTION ERIBULIN MESYLATE 1 MG	Procedure	HCPCS
J9181	INJECTION ETOPOSIDE 10 MG	Procedure	HCPCS
J9200	INJECTION FLOXURIDINE 500 MG	Procedure	HCPCS
J9185	INJ FLUDARABINE PHOSPHATE 50 MG	Procedure	HCPCS
J9190	INJECTION FLUOROURACIL 500 MG	Procedure	HCPCS
J9395	INJECTION FULVESTRANT 25 MG	Procedure	HCPCS
C9120	INJECTION FULVESTRANT PER 50 MG	Procedure	HCPCS
J9201	INJECTION GEMCITABINE HCL 200 MG	Procedure	HCPCS
J9203	INJ GEMTUZUMAB OZOGAMICIN 0.1 MG	Procedure	HCPCS
J9300	INJ GEMTUZUMAB OZOGAMICIN 5 MG	Procedure	HCPCS
Q2020	INJECTION HISTRELIN ACETATE 10 MCG	Procedure	HCPCS
J1675	INJ HISTRELIN ACTAT 10 MICROGMS	Procedure	HCPCS
J9211	INJECTION IDARUBICIN HCL 5 MG	Procedure	HCPCS
J9208	INJECTION IFOSFAMIDE 1 G	Procedure	HCPCS
C9028	INJ INOTUZUMAB OZOGAMICIN 0.1 MG	Procedure	HCPCS
J9213	INJ INTERFERON ALFA-2A RECOM 3 M U	Procedure	HCPCS
J9214	INJ INTERFERON ALFA-2B RECOMB 1 M U	Procedure	HCPCS
C9284	INJECTION IPILIMUMAB 1 MG	Procedure	HCPCS
J9228	INJECTION IPILIMUMAB 1 MG	Procedure	HCPCS
C9240	INJECTION IXABEPILONE 1 MG	Procedure	HCPCS
J9207	INJECTION IXABEPILONE 1 MG	Procedure	HCPCS
C9024	INJ LIP 1 MG DNR & 2.27 MG CY	Procedure	HCPCS
J9230	INJECTION MECHLORETHAMINE HCL 10 MG	Procedure	HCPCS
J1050	INJ MEDROXYPROGESTERNE ACETATE 1 MG	Procedure	HCPCS
J1051	INJ MDRXYPRGESTRON ACTAT 50 MG	Procedure	HCPCS
J9245	INJECTION MELPHALAN HCL 50 MG	Procedure	HCPCS
J9280	INJECTION MITOMYCIN 5 MG	Procedure	HCPCS
J9293	INJECTION MITOXANTRONE HCL PER 5 MG	Procedure	HCPCS
C9475	INJECTION NECITUMUMAB 1 MG	Procedure	HCPCS
J9295	INJECTION NECITUMUMAB 1 MG	Procedure	HCPCS
J9261	INJECTION NELARABINE 50 MG	Procedure	HCPCS
C9453	INJECTION NIVOLUMAB 1 MG	Procedure	HCPCS
J9299	INJECTION NIVOLUMAB 1 MG	Procedure	HCPCS
C9021	INJECTION OBINUTUZUMAB 10 MG	Procedure	HCPCS
J9301	INJECTION OBINUTUZUMAB 10 MG	Procedure	HCPCS
C9260	INJECTION OFATUMUMAB 10 MG	Procedure	HCPCS
J9302	INJECTION OFATUMUMAB 10 MG	Procedure	HCPCS
C9485	INJECTION OLARATUMAB 10 MG	Procedure	HCPCS

Appendix I. List of Current Procedural Terminology, Fourth Edition, Category II (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Patient Characteristics in this Request

Code	Description	Code Category	Code Type
J9285	INJECTION OLARATUMAB 10 MG	Procedure	HCPCS
J9262	INJ OMACETAXINE MEPESUCCINAT .01 MG	Procedure	HCPCS
C9297	INJ OMACETAZN MEPESUCCINATE 0.01 MG	Procedure	HCPCS
J9263	INJECTION OXALIPLATIN 0.5 MG	Procedure	HCPCS
J9267	INJECTION PACLITAXEL 1 MG	Procedure	HCPCS
J9265	INJECTION PACLITAXEL 30 MG	Procedure	HCPCS
J9264	INJ PACLITAXEL PROTBND PARTICL 1 MG	Procedure	HCPCS
J9303	INJECTION PANITUMUMAB 10 MG	Procedure	HCPCS
J9266	INJ PEGASPARGASE SINGLE DOSE VIAL	Procedure	HCPCS
C9027	INJECTION PEMBROLIZUMAB 1 MG	Procedure	HCPCS
J9271	INJECTION PEMBROLIZUMAB 1 MG	Procedure	HCPCS
J9268	INJECTION PENTOSTATIN 10 MG	Procedure	HCPCS
J9306	INJECTION PERTUZUMAB 1 MG	Procedure	HCPCS
C9292	INJECTION PERTUZUMAB 10 MG	Procedure	HCPCS
J9270	INJECTION PLICAMYCIN 2.5 MG	Procedure	HCPCS
J9600	INJECTION PORFIMER SODIUM 75 MG	Procedure	HCPCS
C9259	INJECTION PRALATREXATE 1 MG	Procedure	HCPCS
J9307	INJECTION PRALATREXATE 1 MG	Procedure	HCPCS
C9025	INJECTION RAMUCIRUMAB 5 MG	Procedure	HCPCS
J9308	INJECTION RAMUCIRUMAB 5 MG	Procedure	HCPCS
J9310	INJECTION RITUXIMAB 100 MG	Procedure	HCPCS
C9467	INJ RITUXIMAB & HYALURONIDASE 10 MG	Procedure	HCPCS
C9265	INJECTION ROMIDEPSIN 1 MG	Procedure	HCPCS
J9315	INJECTION ROMIDEPSIN 1 MG	Procedure	HCPCS
C9455	INJECTION SILTUXIMAB 10 MG	Procedure	HCPCS
J2860	INJECTION SILTUXIMAB 10 MG	Procedure	HCPCS
J9320	INJECTION STREPTOZOCIN 1 G	Procedure	HCPCS
C9472	INJ TALIMOGEN LAHERPAREPVEC 1 M PFU	Procedure	HCPCS
J9328	INJECTION TEMOZOLOMIDE 1 MG	Procedure	HCPCS
C9253	INJECTION TEMOZOLOMIDE 1MG	Procedure	HCPCS
C9239	INJECTION TEMSIROLIMUS 1 MG	Procedure	HCPCS
J9330	INJECTION TEMSIROLIMUS 1 MG	Procedure	HCPCS
Q2017	INJECTION TENIPOSIDE 50 MG	Procedure	HCPCS
J9340	INJECTION THIOTEPA 15 MG	Procedure	HCPCS
C9480	INJECTION TRABECTEDIN 0.1 MG	Procedure	HCPCS
J9352	INJECTION TRABECTEDIN 0.1 MG	Procedure	HCPCS
J9355	INJECTION TRASTUZUMAB 10 MG	Procedure	HCPCS
J3315	INJ TRIPTORELIN PAMOATE 3.75 MG	Procedure	HCPCS
J9357	INJ VALRUBICIN INTRAVESICAL 200 MG	Procedure	HCPCS
J9360	INJECTION VINBLASTINE SULFATE 1 MG	Procedure	HCPCS
J9371	INJ VINCRISTINE SULF LIPOSOME 1 MG	Procedure	HCPCS
J9390	INJ VINOURELBINE TARTRATE 10 MG	Procedure	HCPCS
C9296	INJECTION ZIV-AFLIBERCEPT 1 MG	Procedure	HCPCS

Appendix I. List of Current Procedural Terminology, Fourth Edition, Category II (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Patient Characteristics in this Request

Code	Description	Code Category	Code Type
J9400	INJECTION ZIV-AFLIBERCEPT 1 MG	Procedure	HCPCS
J9219	LEUPROLIDE ACETATE IMPLANT 65 MG	Procedure	HCPCS
S0177	LEVAMISOLE HYDROCHLORIDE ORAL 50 MG	Procedure	HCPCS
S0178	LOMUSTINE ORAL 10 MG	Procedure	HCPCS
C9017	LOMUSTINE, 10 MG	Procedure	HCPCS
S0179	MEGESTROL ACETATE ORAL 20 MG	Procedure	HCPCS
J8600	MELPHALAN ORAL 2 MG	Procedure	HCPCS
S0108	MERCAPTOPYRINE ORAL 50 MG	Procedure	HCPCS
J8610	METHOTREXATE ORAL 2.5 MG	Procedure	HCPCS
J9250	METHOTREXATE SODIUM 5 MG	Procedure	HCPCS
J9260	METHOTREXATE SODIUM 50 MG	Procedure	HCPCS
J9290	MITOMYCIN 20 MG	Procedure	HCPCS
J9291	MITOMYCIN 40 MG	Procedure	HCPCS
C9432	MITOMYCIN 5 MG BRAND NAME	Procedure	HCPCS
J7315	MITOMYCIN OPHTHALMIC 0. 2 MG	Procedure	HCPCS
S1016	NON-PVC IV ADMN SET RX NOT STABLE	Procedure	HCPCS
C9205	OXALIPLATIN INJ OXALIPLATIN-5 MG	Procedure	HCPCS
C9431	PACLITAXEL 30 MG BRAND NAME	Procedure	HCPCS
S0182	PROCARBAZINE HYDROCHLORD ORAL 50 MG	Procedure	HCPCS
A9604	SM-153 LEXIDRONAM TX TO 150 MCI	Procedure	HCPCS
A9605	SAMARIUM SM-153 LEXIDRONM TX 50 MCI	Procedure	HCPCS
C9401	SPL RP STRONTIUM-89 CL BRAND-MCI	Procedure	HCPCS
S0187	TAMOXIFEN CITRATE ORAL 10 MG	Procedure	HCPCS
C1086	TEMOZOLOMIDE 5 MG TEMODAR	Procedure	HCPCS
J8700	TEMOZOLOMIDE ORAL 5 MG	Procedure	HCPCS
C9433	THIOTEPA 15 MG BRAND NAME	Procedure	HCPCS
J9370	VINCRISTINE SULFATE 1 MG	Procedure	HCPCS
J9375	VINCRISTINE SULFATE 2 MG	Procedure	HCPCS
J9380	VINCRISTINE SULFATE 5 MG	Procedure	HCPCS
C9440	VINORELBINE TARTRATE BRAND 10 MG	Procedure	HCPCS
Cyclosporine			
J7502	CYCLOSPORINE ORAL 100 MG	Procedure	HCPCS
C9438	CYCLOSPORINE ORAL 100 MG BRAND NAME	Procedure	HCPCS
J7515	CYCLOSPORINE ORAL 25 MG	Procedure	HCPCS
J7516	CYCLOSPORINE PARENTERAL 250 MG	Procedure	HCPCS
K0122	CYCLOSPORINE, PARENTERAL, 250 MG	Procedure	HCPCS
Medroxyprogesterone			
J1055	INJ MDRXYPRGESTRON CNTRACPT 150 MG	Procedure	HCPCS
J1056	INJ MDRXYPRGESTRON/ESTRDIOL 5/25MG	Procedure	HCPCS
J1050	INJ MEDROXYPROGESTERNE ACETATE 1 MG	Procedure	HCPCS
J1051	INJ MDRXYPRGESTRON ACTAT 50 MG	Procedure	HCPCS
Loop Diuretics			
S0171	INJECTION BUMETANIDE 0.5 MG	Procedure	HCPCS

Appendix I. List of Current Procedural Terminology, Fourth Edition, Category II (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Patient Characteristics in this Request

Code	Description	Code Category	Code Type
J1940	INJECTION FUROSEMIDE UP TO 20 MG	Procedure	HCPCS
J3265	INJECTION TORSEMIDE 10 MG/ML	Procedure	HCPCS
Proton Pump Inhibitors			
S0164	INJECTION PANTOPRAZOLE SODIUM 40 MG	Procedure	HCPCS
C9113	INJECTION PANTOPRAZOLE SODIUM-VIAL	Procedure	HCPCS
Thiazide Diuretics			
J1205	INJ CHLOROTHIAZIDE SODIUM 500 MG	Procedure	HCPCS
Beta Blockers			
J1800	INJECTION PROPRANOLOL HCL TO 1 MG	Procedure	HCPCS
Antidepressants			
S0106	BUPROPION HCI SR TAB 150 MG 60 TABS	Procedure	HCPCS
J1320	INJ AMITRIPTYLINE HCL TO 20 MG	Procedure	HCPCS
J3270	INJ IMIPRAMINE HCL TO 20 MG	Procedure	HCPCS
Short-Acting Gonadotropin-Releasing Hormone (GnRH) Agonists			
J1675	Injection, histrelin acetate, 10 mcg	Procedure	HCPCS
Q2020	Injection, histrelin acetate, 10 mcg	Procedure	HCPCS
C9435	Injection, gonadorelin HCl, brand name, per 100 mcg	Procedure	HCPCS
J1620	Injection, gonadorelin HCl, per 100 mcg	Procedure	HCPCS
Long-Acting Goserelin			
J9202	Goserelin acetate implant, per 3.6 mg	Procedure	HCPCS
Long-Acting Histrelin			
S0133	Histrelin, implant, 50 mg	Procedure	HCPCS
J9226	Histrelin implant (Supprelin LA), 50 mg	Procedure	HCPCS
J9225	Histrelin implant (Vantas), 50 mg	Procedure	HCPCS
Long-Acting Triptorelin			
C9016	Injection, triptorelin extended release, 3.75 mg	Procedure	HCPCS
J3315	Injection, triptorelin pamoate, 3.75 mg	Procedure	HCPCS
Long-Acting Leuprolide Acetate (Excluding Lupron Depot-PED)			
J9219	Leuprolide acetate implant, 65 mg	Procedure	HCPCS
Short-Acting Gonadorelin			
C9435	Injection, gonadorelin HCl, brand name, per 100 mcg	Procedure	HCPCS
J1620	Injection, gonadorelin HCl, per 100 mcg	Procedure	HCPCS
Short-Acting Histrelin			
J1675	Injection, histrelin acetate, 10 mcg	Procedure	HCPCS
Q2020	Injection, histrelin acetate, 10 mcg	Procedure	HCPCS

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
Anticoagulants	
ANISINDIONE	Miradon
APIXABAN	Eliquis
ARDEPARIN SODIUM,PORCINE	Normiflo
ARGATROBAN	argatroban
ARGATROBAN IN 0.9 % SODIUM CHLORIDE	argatroban in 0.9 % sod chlor
ARGATROBAN IN SODIUM CHLORIDE, ISO-OSMOTIC	argatroban in NaCl (iso-os)
BETRIXABAN MALEATE	Bevyxxa
BIVALIRUDIN	bivalirudin
BIVALIRUDIN	Angiomax
DABIGATRAN ETEXILATE MESYLATE	Pradaxa
DALTEPARIN SODIUM,PORCINE	Fragmin
DANAPAROID SODIUM,PORCINE	Orgaran
DESIRUDIN	Iprivask
DICUMAROL	dicumarol
EDOXABAN TOSYLATE	Savaysa
ENOXAPARIN SODIUM	Lovenox
ENOXAPARIN SODIUM	enoxaparin
FONDAPARINUX SODIUM	fondaparinux
FONDAPARINUX SODIUM	Arixtra
HEPARIN SODIUM,BEEF	heparin (bovine)
HEPARIN SODIUM,PORCINE	heparin (porcine)
HEPARIN SODIUM,PORCINE	Heparin Lock
HEPARIN SODIUM,PORCINE	heparin lock flush (porcine)
HEPARIN SODIUM,PORCINE	Hep-Lock
HEPARIN SODIUM,PORCINE	Hep-Lock Flush
HEPARIN SODIUM,PORCINE	heparin lock flush
HEPARIN SODIUM,PORCINE	Vasceze
HEPARIN SODIUM,PORCINE IN 0.45 % SODIUM CHLORIDE	heparin(porcine) in 0.45% NaCl
HEPARIN SODIUM,PORCINE IN 0.45 % SODIUM CHLORIDE/PF	heparin (porc)-0.45% NaCl (PF)
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Heparin Combination
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	heparin flush(porcine)-0.9NaCl
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	heparin (porcine) in 0.9% NaCl
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Lok-Pak Heparin Flush
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Hep-Pak
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Heparin Flush
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Lok-Pak-N Heparin Flush
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE	Lok-Pak-N
HEPARIN SODIUM,PORCINE IN 0.9 % SODIUM CHLORIDE/PF	heparin (porcine) in NaCl (PF)
HEPARIN SODIUM,PORCINE/DEXTROSE 5 % IN WATER	heparin (porcine) in 5 % dex
HEPARIN SODIUM,PORCINE/DEXTROSE 5 % IN WATER/PF	heparin (porcine) in D5W (PF)
HEPARIN SODIUM,PORCINE/PF	heparin, porcine (PF)

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
HEPARIN SODIUM,PORCINE/PF	Hep Flush-10 (PF)
HEPARIN SODIUM,PORCINE/PF	Hep-Lock U/P PF
HEPARIN SODIUM,PORCINE/PF	Heparin LockFlush(Porcine)(PF)
HEPARIN SODIUM,PORCINE/PF	Monoject Prefill (PF)
HEPARIN SODIUM,PORCINE/PF	Monoject Prefill Advanced (PF)
LEPIRUDIN,RECOMBINANT	Refludan
RIVAROXABAN	Xarelto
TINZAPARIN SODIUM,PORCINE	Innohep
WARFARIN SODIUM	Coumadin
WARFARIN SODIUM	warfarin
WARFARIN SODIUM	Jantoven
Antidepressants	
AMITRIPTYLINE HCL	amitriptyline
AMITRIPTYLINE HCL	Elavil
AMITRIPTYLINE HCL	Vanatrip
AMITRIPTYLINE HCL/CHLORDIAZEPOXIDE	Limbitrol DS
AMITRIPTYLINE HCL/CHLORDIAZEPOXIDE	Limbitrol
AMITRIPTYLINE HCL/CHLORDIAZEPOXIDE	amitriptyline-chlordiazepoxide
AMOXAPINE	amoxapine
AMOXAPINE	Asendin
BUPROPION HBR	Aplenzin
BUPROPION HCL	bupropion HCl
BUPROPION HCL	Wellbutrin XL
BUPROPION HCL	Wellbutrin
BUPROPION HCL	Wellbutrin SR
BUPROPION HCL	Forfivo XL
BUPROPION HCL	Budeprion XL
BUPROPION HCL	Budeprion SR
BUPROPION HCL/DIETARY SUPPLEMENT COMBINATION NO.15	Appbutamone-D
BUPROPION HCL/DIETARY SUPPLEMENT COMBINATION NO.16	Appbutamone
CITALOPRAM HYDROBROMIDE	citalopram
CITALOPRAM HYDROBROMIDE	Celexa
CLOMIPRAMINE HCL	clomipramine
CLOMIPRAMINE HCL	Anafranil
DESIPRAMINE HCL	desipramine
DESIPRAMINE HCL	Norpramin
DESVENLAFAXINE	desvenlafaxine
DESVENLAFAXINE	Khedezla
DESVENLAFAXINE FUMARATE	desvenlafaxine fumarate
DESVENLAFAXINE SUCCINATE	desvenlafaxine succinate
DESVENLAFAXINE SUCCINATE	Pristiq
DOXEPIN HCL	Sinequan

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
DOXEPIN HCL	doxepin
DOXEPIN HCL	Adapin
DOXEPIN HCL	Silenor
DULOXETINE HCL	Cymbalta
DULOXETINE HCL	duloxetine
DULOXETINE HCL	Irenka
ESCITALOPRAM OXALATE	Lexapro
ESCITALOPRAM OXALATE	escitalopram oxalate
FLUOXETINE HCL	fluoxetine
FLUOXETINE HCL	Prozac
FLUOXETINE HCL	Sarafem
FLUOXETINE HCL	Prozac Weekly
FLUOXETINE HCL	Rapiflux
FLUOXETINE HCL	Selfemra
FLUOXETINE HCL/DIETARY SUPPLEMENT NO.17	Gaboxetine
FLUOXETINE HCL/DIETARY SUPPLEMENT NO.8	Sentroxatine
FLUVOXAMINE MALEATE	fluvoxamine
FLUVOXAMINE MALEATE	Luvox
FLUVOXAMINE MALEATE	Luvox CR
IMIPRAMINE HCL	imipramine HCl
IMIPRAMINE HCL	Tofranil
IMIPRAMINE PAMOATE	Tofranil-PM
IMIPRAMINE PAMOATE	imipramine pamoate
ISOCARBOXAZID	Marplan
LEVOMILNACIPRAN HCL	Fetzima
MAPROTILINE HCL	maprotiline
MAPROTILINE HCL	Ludiomil
MILNACIPRAN HCL	Savella
MIRTAZAPINE	mirtazapine
MIRTAZAPINE	Remeron SolTab
MIRTAZAPINE	Remeron
NEFAZODONE HCL	Serzone
NEFAZODONE HCL	nefazodone
NORTRIPTYLINE HCL	nortriptyline
NORTRIPTYLINE HCL	Pamelor
NORTRIPTYLINE HCL	Aventyl
OLANZAPINE/FLUOXETINE HCL	olanzapine-fluoxetine
OLANZAPINE/FLUOXETINE HCL	Symbyax
PAROXETINE HCL	paroxetine HCl
PAROXETINE HCL	Paxil
PAROXETINE HCL	Paxil CR
PAROXETINE MESYLATE	Pexeva

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
PAROXETINE MESYLATE	paroxetine mesylate(menop.sym)
PAROXETINE MESYLATE	Brisdelle
PERPHENAZINE/AMITRIPTYLINE HCL	perphenazine-amitriptyline
PERPHENAZINE/AMITRIPTYLINE HCL	Etrafon 2-10
PERPHENAZINE/AMITRIPTYLINE HCL	Duo-Vil 2-10
PERPHENAZINE/AMITRIPTYLINE HCL	Triavil 4-25
PERPHENAZINE/AMITRIPTYLINE HCL	Etrafon Forte 4-25
PERPHENAZINE/AMITRIPTYLINE HCL	Duo-Vil 2-25
PERPHENAZINE/AMITRIPTYLINE HCL	Etrafon 2-25
PERPHENAZINE/AMITRIPTYLINE HCL	Triavil 2-25
PERPHENAZINE/AMITRIPTYLINE HCL	Triavil 2-10
PHENELZINE SULFATE	Nardil
PHENELZINE SULFATE	phenelzine
PROTRIPTYLINE HCL	Vivactil
PROTRIPTYLINE HCL	protriptyline
SELEGILINE	Emsam
SERTRALINE HCL	sertraline
SERTRALINE HCL	Zoloft
TRANLYCYPROMINE SULFATE	Parnate
TRANLYCYPROMINE SULFATE	tranylcypromine
TRAZODONE HCL	trazodone
TRAZODONE HCL	Desyrel
TRAZODONE HCL	Oleptro ER
TRAZODONE HCL/DIETARY SUPPLEMENT NO.8	Trazamine
TRIMIPRAMINE MALEATE	trimipramine
TRIMIPRAMINE MALEATE	Surmontil
VENLAFAXINE HCL	Effexor
VENLAFAXINE HCL	venlafaxine
VENLAFAXINE HCL	Effexor XR
VILAZODONE HCL	Viibryd
VORTIOXETINE HYDROBROMIDE	Trintellix
VORTIOXETINE HYDROBROMIDE	Brintellix
Anti-Epileptic Drugs	
BRIVARACETAM	Briviact
CARBAMAZEPINE	Equetro
CARBAMAZEPINE	carbamazepine
CARBAMAZEPINE	Tegretol XR
CARBAMAZEPINE	Carbatrol
CARBAMAZEPINE	Tegretol
CARBAMAZEPINE	Atretol
CARBAMAZEPINE	Epitol
CLOBAZAM	Onfi

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
CLONAZEPAM	clonazepam
CLONAZEPAM	Klonopin
CLONAZEPAM	Ceberclon
DIAZEPAM	diazepam
DIAZEPAM	Diastat Pediatric
DIAZEPAM	Diastat AcuDial
DIAZEPAM	Diastat
DIAZEPAM	Diastat Universal
DIVALPROEX SODIUM	divalproex
DIVALPROEX SODIUM	Depakote
DIVALPROEX SODIUM	Depakote Sprinkles
DIVALPROEX SODIUM	Depakote ER
ESLICARBAZEPINE ACETATE	Aptiom
ETHOSUXIMIDE	ethosuximide
ETHOSUXIMIDE	Zarontin
ETHOTOIN	Peganone
EZOGABINE	Potiga
FELBAMATE	felbamate
FELBAMATE	Felbatol
FOSPHENYTOIN SODIUM	fosphenytoin
FOSPHENYTOIN SODIUM	Cerebyx
GABAPENTIN	Fanatrex
GABAPENTIN	gabapentin
GABAPENTIN	Neurontin
GABAPENTIN	Gabarone
GABAPENTIN/CAPSAICIN/METHYL SALICYLATE/MENTHOL	SmartRx Gaba-V Kit
GABAPENTIN/DIETARY SUPPLEMENT, MISC COMBO NO.11	Therapentin-90
GABAPENTIN/DIETARY SUPPLEMENT, MISC COMBO NO.11	Therapentin-60
GABAPENTIN/LIDOCAINE HCL/MENTHOL	SmartRx GabaKit
GABAPENTIN/LIDOCAINE HCL/MENTHOL	Active-Pac
LACOSAMIDE	Vimpat
LAMOTRIGINE	Lamictal
LAMOTRIGINE	lamotrigine
LAMOTRIGINE	Lamictal ODT Starter (Green)
LAMOTRIGINE	Lamictal ODT Starter (Blue)
LAMOTRIGINE	Lamictal XR Starter (Blue)
LAMOTRIGINE	Lamictal XR
LAMOTRIGINE	Lamictal ODT
LAMOTRIGINE	Lamictal Starter (Orange) Kit
LAMOTRIGINE	Lamictal Starter (Green) Kit
LAMOTRIGINE	Lamictal XR Starter (Green)
LAMOTRIGINE	Lamictal ODT Starter (Orange)

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
LAMOTRIGINE	Lamictal Starter (Blue) Kit
LAMOTRIGINE	Lamictal XR Starter (Orange)
LEVETIRACETAM	levetiracetam
LEVETIRACETAM	Keppra
LEVETIRACETAM	Spritam
LEVETIRACETAM	Roweepra
LEVETIRACETAM	Keppra XR
LEVETIRACETAM IN SODIUM CHLORIDE, ISO-OSMOTIC	levetiracetam in NaCl (iso-os)
MEPHENYTOIN	Mesantoin
METHSUXIMIDE	Celontin
OXCARBAZEPINE	oxcarbazepine
OXCARBAZEPINE	Trileptal
OXCARBAZEPINE	Oxtellar XR
PARAMETHADIONE	Paradione
PERAMPANEL	Fycompa
PHENOBARBITAL	phenobarbital
PHENOBARBITAL SODIUM	phenobarbital sodium
PHENOBARBITAL SODIUM	Luminal
PHENYTOIN	phenytoin
PHENYTOIN	Dilantin Infatabs
PHENYTOIN	Dilantin-125
PHENYTOIN SODIUM	phenytoin sodium
PHENYTOIN SODIUM	Di-Phen
PHENYTOIN SODIUM EXTENDED	phenytoin sodium extended
PHENYTOIN SODIUM EXTENDED	Dilantin Kapseal
PHENYTOIN SODIUM EXTENDED	Dilantin Extended
PHENYTOIN SODIUM EXTENDED	Phenytek
PHENYTOIN SODIUM EXTENDED	Dilantin
PREGABALIN	Lyrica
PRIMIDONE	primidone
PRIMIDONE	Mysoline
RUFINAMIDE	Banzel
TIAGABINE HCL	Gabitril
TIAGABINE HCL	tiagabine
TOPIRAMATE	topiramate
TOPIRAMATE	Topamax
TOPIRAMATE	Trokendi XR
TOPIRAMATE	Qudexy XR
TOPIRAMATE	Topiragen
VALPROIC ACID	valproic acid
VALPROIC ACID	Stavzor
VALPROIC ACID	Depakene

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
VALPROIC ACID (AS SODIUM SALT) (VALPROATE SODIUM)	valproate sodium
VALPROIC ACID (AS SODIUM SALT) (VALPROATE SODIUM)	Depacon
VALPROIC ACID (AS SODIUM SALT) (VALPROATE SODIUM)	valproic acid (as sodium salt)
VIGABATRIN	vigabatrin
VIGABATRIN	Sabril
ZONISAMIDE	zonisamide
ZONISAMIDE	Zonegran
Beta Blockers	
ACEBUTOLOL HCL	acebutolol
ACEBUTOLOL HCL	Sectral
ATENOLOL	atenolol
ATENOLOL	Tenormin
ATENOLOL	Senormin
ATENOLOL/CHLORTHALIDONE	atenolol-chlorthalidone
ATENOLOL/CHLORTHALIDONE	Tenoretic 50
ATENOLOL/CHLORTHALIDONE	Tenoretic 100
BETAXOLOL HCL	betaxolol
BETAXOLOL HCL	Kerlone
BISOPROLOL FUMARATE	bisoprolol fumarate
BISOPROLOL FUMARATE	Zebeta
BISOPROLOL FUMARATE/HYDROCHLOROTHIAZIDE	Ziac
BISOPROLOL FUMARATE/HYDROCHLOROTHIAZIDE	bisoprolol-hydrochlorothiazide
CARTEOLOL HCL	Cartrol
CARVEDILOL	carvedilol
CARVEDILOL	Coreg
CARVEDILOL PHOSPHATE	Coreg CR
CARVEDILOL PHOSPHATE	carvedilol phosphate
ESMOLOL HCL	esmolol
ESMOLOL HCL	Brevibloc
ESMOLOL HCL IN SODIUM CHLORIDE, ISO-OSMOTIC	Brevibloc in NaCl (iso-osm)
LABETALOL HCL	labetalol
LABETALOL HCL	Trandate
LABETALOL HCL	Normodyne
LABETALOL IN DEXTROSE 5 % IN WATER	labetalol in dextrose 5 %
METOPROLOL SUCCINATE	metoprolol succinate
METOPROLOL SUCCINATE	Toprol XL
METOPROLOL SUCCINATE/HYDROCHLOROTHIAZIDE	metoprolol su-hydrochlorothiaz
METOPROLOL SUCCINATE/HYDROCHLOROTHIAZIDE	Dutoprol
METOPROLOL TARTRATE	metoprolol tartrate
METOPROLOL TARTRATE	Lopressor
METOPROLOL TARTRATE/DIETARY SUPPLEMENT, COMB.10	Hypertensolol
METOPROLOL TARTRATE/HYDROCHLOROTHIAZIDE	Lopressor HCT

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
METOPROLOL TARTRATE/HYDROCHLOROTHIAZIDE	metoprolol ta-hydrochlorothiaz
NADOLOL	nadolol
NADOLOL	Corgard
NADOLOL/BENDROFLUMETHIAZIDE	Corzide
NADOLOL/BENDROFLUMETHIAZIDE	nadolol-bendroflumethiazide
NEBIVOLOL HCL	Bystolic
PENBUTOLOL SULFATE	LevatoL
PINDOLOL	pindolol
PINDOLOL	Visken
PROPRANOLOL HCL	propranolol
PROPRANOLOL HCL	Inderal
PROPRANOLOL HCL	Inderal LA
PROPRANOLOL HCL	InnoPran XL
PROPRANOLOL HCL	Hemangeol
PROPRANOLOL HCL	Inderal XL
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	propranolol-hydrochlorothiazid
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	Inderide
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	Inderide LA
SOTALOL HCL	Betapace AF
SOTALOL HCL	sotalol
SOTALOL HCL	Sotalol AF
SOTALOL HCL	Betapace
SOTALOL HCL	Sotylize
SOTALOL HCL	Sorine
TIMOLOL MALEATE	timolol maleate
TIMOLOL MALEATE	Blocadren
TIMOLOL MALEATE/HYDROCHLOROTHIAZIDE	Timolide
Bisphosphonates	
ALENDRONATE SODIUM	Fosamax
ALENDRONATE SODIUM	alendronate
ALENDRONATE SODIUM	Binosto
ALENDRONATE SODIUM/CHOLECALCIFEROL (VITAMIN D3)	Fosamax Plus D
ETIDRONATE DISODIUM	Didronel
ETIDRONATE DISODIUM	etidronate disodium
IBANDRONATE SODIUM	Boniva
IBANDRONATE SODIUM	ibandronate
PAMIDRONATE DISODIUM	pamidronate
PAMIDRONATE DISODIUM	Aredia
RISEDRONATE SODIUM	Actonel
RISEDRONATE SODIUM	risedronate
RISEDRONATE SODIUM	Atelvia
RISEDRONATE SODIUM/CALCIUM CARBONATE	Actonel with Calcium

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
TILUDRONATE DISODIUM	Skelid
ZOLEDRONIC ACID	Zometa
ZOLEDRONIC ACID	zoledronic acid
ZOLEDRONIC ACID IN MANNITOL AND 0.9 % SODIUM CHLORIDE	zoledronic ac-mannitol-0.9NaCl
ZOLEDRONIC ACID IN MANNITOL AND WATER FOR INJECTION	Reclast
ZOLEDRONIC ACID IN MANNITOL AND WATER FOR INJECTION	zoledronic acid-mannitol-water
ZOLEDRONIC ACID IN MANNITOL AND WATER FOR INJECTION	Zometa

Chemotherapy

ABARELIX	Plenaxis
ABEMACICLIB	Verzenio
ABIRATERONE ACETATE	Zytiga
ACALABRUTINIB	Calquence
ADO-TRASTUZUMAB EMTANSINE	Kadcyla
AFATINIB DIMALEATE	Gilotrif
ALDESLEUKIN	Proleukin
ALECTINIB HCL	Alecensa
ALEMTUZUMAB	Campath
ALTRETAMINE	Hexalen
AMINOGLUTETHIMIDE	Cytadren
ANASTROZOLE	Arimidex 30-day Pack
ANASTROZOLE	anastrozole
ANASTROZOLE	Arimidex
ARSENIC TRIOXIDE	Trisenox
ASPARAGINASE	Elspar
ASPARAGINASE (ERWINIA CHRYSANTHEMI)	Erwinaze
ATEZOLIZUMAB	Tecentriq
AVELUMAB	Bavencio
AXICABTAGENE CILOLEUCEL	Yescarta
AXITINIB	Inlyta
AZACITIDINE	azacitidine
AZACITIDINE	Vidaza
BCG LIVE	Theracys
BCG LIVE	Tice BCG
BELINOSTAT	Beleodaq
BENDAMUSTINE HCL	Treanda
BENDAMUSTINE HCL	Bendeka
BEVACIZUMAB	Avastin
BEXAROTENE	bexarotene
BEXAROTENE	Targretin
BICALUTAMIDE	bicalutamide
BICALUTAMIDE	Casodex

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
BLEOMYCIN SULFATE	bleomycin
BLEOMYCIN SULFATE	Blenoxane
BLEOMYCIN SULFATE	Bleo 15K
BLINATUMOMAB	Blincyto
BORTEZOMIB	Velcade
BORTEZOMIB	bortezomib
BOSUTINIB	Bosulif
BRENTUXIMAB VEDOTIN	Adcetris
BRIGATINIB	Alunbrig
BUSULFAN	Busulfex
BUSULFAN	busulfan
BUSULFAN	Myleran
CABAZITAXEL	Jevtana
CABOZANTINIB S-MALATE	Cabometyx
CABOZANTINIB S-MALATE	Cometriq
CAPECITABINE	capecitabine
CAPECITABINE	Xeloda
CARBOPLATIN	carboplatin
CARBOPLATIN	Paraplatin
CARFILZOMIB	Kyprolis
CARMUSTINE	BiCNU
CARMUSTINE IN POLIFEPROSAN 20	Gliadel Wafer
CERITINIB	Zykadia
CETUXIMAB	Erbitux
CHLORAMBUCIL	Leukeran
CISPLATIN	cisplatin
CISPLATIN	Platinol AQ
CLADRIBINE	cladribine
CLADRIBINE	Leustatin
CLOFARABINE	clofarabine
CLOFARABINE	Clolar
COBIMETINIB FUMARATE	Cotellic
COPANLISIB DI-HCL	Aliqopa
CRIZOTINIB	Xalkori
CROMOLYN SODIUM	cromolyn
CROMOLYN SODIUM	Gastrocrom
CYCLOPHOSPHAMIDE	cyclophosphamide
CYCLOPHOSPHAMIDE	Cytosan Lyophilized
CYCLOPHOSPHAMIDE	Neosar
CYCLOPHOSPHAMIDE	Cytosan
CYTARABINE	Cytosar-U
CYTARABINE	cytarabine

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
CYTARABINE	Tarabine Pfs
CYTARABINE LIPOSOME/PF	DepoCyt (PF)
CYTARABINE/PF	cytarabine (PF)
DABRAFENIB MESYLATE	Tafinlar
DACARBAZINE	dacarbazine
DACARBAZINE	DTIC-Dome
DACTINOMYCIN	Cosmegen
DACTINOMYCIN	dactinomycin
DARATUMUMAB	Darzalex
DASATINIB	Sprycel
DAUNORUBICIN CITRATE LIPOSOMAL	DaunoXome
DAUNORUBICIN HCL	daunorubicin
DAUNORUBICIN HCL	Cerubidine
DAUNORUBICIN/CYTARABINE LIPOSOMAL	Vyxeos
DECITABINE	Dacogen
DECITABINE	decitabine
DEGARELIX ACETATE	Firmagon kit w diluent syringe
DEGARELIX ACETATE	Firmagon
DENILEUKIN DIFTITOX	Ontak
DIETHYLSTILBESTROL DIPHOSPHATE	Stilphostrol
DINUTUXIMAB	Unituxin
DOCETAXEL	docetaxel
DOCETAXEL	Taxotere
DOCETAXEL	Docefrez
DOXORUBICIN HCL	doxorubicin
DOXORUBICIN HCL	Adriamycin
DOXORUBICIN HCL	Adriamycin PFS
DOXORUBICIN HCL	Adriamycin RDF
DOXORUBICIN HCL	Rubex
DOXORUBICIN HCL PEGYLATED LIPOSOMAL	doxorubicin, peg-liposomal
DOXORUBICIN HCL PEGYLATED LIPOSOMAL	Lipodox
DOXORUBICIN HCL PEGYLATED LIPOSOMAL	Doxil
DOXORUBICIN HCL PEGYLATED LIPOSOMAL	Lipodox 50
DURVALUMAB	Imfinzi
ELOTUZUMAB	Empliciti
ENASIDENIB MESYLATE	Idhifa
ENZALUTAMIDE	Xtandi
EPIRUBICIN HCL	epirubicin
EPIRUBICIN HCL	Ellence
ERIBULIN MESYLATE	Halaven
ERLOTINIB HCL	Tarceva
ESTRAMUSTINE PHOSPHATE SODIUM	Emcyt

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
ETOPOSIDE	etoposide
ETOPOSIDE	VePesid
ETOPOSIDE	Toposar
ETOPOSIDE PHOSPHATE	Etopophos
EVEROLIMUS	Afinitor Disperz
EVEROLIMUS	Afinitor
EXEMESTANE	Aromasin
EXEMESTANE	exemestane
FLOXURIDINE	FUDR
FLOXURIDINE	floxuridine
FLUDARABINE PHOSPHATE	fludarabine
FLUDARABINE PHOSPHATE	Fludara
FLUDARABINE PHOSPHATE	Oforta
FLUOROURACIL	fluorouracil
FLUOROURACIL	Adrucil
FLUTAMIDE	flutamide
FLUTAMIDE	Eulexin
FULVESTRANT	Faslodex
GEFITINIB	Iressa
GEMCITABINE HCL	gemcitabine
GEMCITABINE HCL	Gemzar
GEMTUZUMAB OZOGAMICIN	Mylotarg
GOSERELIN ACETATE	Zoladex
HISTRELIN ACETATE	Vantas
HYDROXYUREA	hydroxyurea
HYDROXYUREA	Hydrea
HYDROXYUREA	Mylocel
IBRUTINIB	Imbruvica
IDARUBICIN HCL	idarubicin
IDARUBICIN HCL	Idamycin PFS
IDARUBICIN HCL	Idamycin
IDELALISIB	Zydelig
IFOSFAMIDE	ifosfamide
IFOSFAMIDE	Ifex
IFOSFAMIDE/MESNA	ifosfamide-mesna
IFOSFAMIDE/MESNA	Ifex/Mesnex
IMATINIB MESYLATE	imatinib
IMATINIB MESYLATE	Gleevec
INOTUZUMAB OZOGAMICIN	Besponsa
INTERFERON ALFA-2A,RECOMB.	Roferon-A
INTERFERON ALFA-2B,RECOMB.	Intron A
IPILIMUMAB	Yervoy

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
IRINOTECAN HCL	Camptosar
IRINOTECAN HCL	irinotecan
IRINOTECAN LIPOSOMAL	Onivyde
IXABEPILONE	Ixempra
IXAZOMIB CITRATE	Ninlaro
KIT FOR PREP INDIUM-111/IBRITUMOMAB TIUXETAN/ALBUMIN HUMAN	Zevalin (In-111)
KIT FOR PREP YTTRIUM-90/IBRITUMOMAB TIUXETAN/ALBUMIN HUMAN	Zevalin (Y-90)
LAPATINIB DITOSYLATE	Tykerb
LENALIDOMIDE	Revlimid
LENVATINIB MESYLATE	Lenvima
LETROZOLE	letrozole
LETROZOLE	Femara
LEUPROLIDE ACETATE	Lupron Depot (6 Month)
LEUPROLIDE ACETATE	Lupron Depot
LEUPROLIDE ACETATE	Lupron Depot (4 month)
LEUPROLIDE ACETATE	Lupron Depot (3 month)
LEUPROLIDE ACETATE	leuprolide
LEUPROLIDE ACETATE	Eligard (6 month)
LEUPROLIDE ACETATE	Eligard (4 month)
LEUPROLIDE ACETATE	Lupron
LEUPROLIDE ACETATE	Eligard
LEUPROLIDE ACETATE	Eligard (3 month)
LEUPROLIDE ACETATE/LIDOCAINE HCL	Viadur
LEVAMISOLE HCL	Ergamisol
LOMUSTINE	lomustine
LOMUSTINE	CeeNU
LOMUSTINE	Gleostine
LUTETIUM LU 177 DOTATATE	Lutathera
MECHLORETHAMINE HCL	Mustargen
MEDROXYPROGESTERONE ACETATE	Depo-Provera
MEGESTROL ACETATE	megestrol
MEGESTROL ACETATE	Megace
MELPHALAN	Alkeran
MELPHALAN	melphalan
MELPHALAN HCL	melphalan HCl
MELPHALAN HCL	Alkeran
MELPHALAN HCL/BETADEX SULFOBUTYL ETHER SODIUM	Evomela
MERCAPTOPYRINE	Purinethol
MERCAPTOPYRINE	Purixan
MERCAPTOPYRINE	mercaptopyrine
METHOTREXATE	Xatmep
METHOTREXATE SODIUM	methotrexate sodium

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
METHOTREXATE SODIUM	Trexall
METHOTREXATE SODIUM/PF	methotrexate sodium (PF)
METHOTREXATE SODIUM/PF	Methotrexate LPF
METHOXSALEN	Uvadex
MIDOSTAURIN	Rydapt
MITOMYCIN	mitomycin
MITOMYCIN	Mutamycin
MITOTANE	Lysodren
MITOXANTRONE HCL	mitoxantrone
MITOXANTRONE HCL	Novantrone
NECITUMUMAB	Portrazza
NELARABINE	Arranon
NERATINIB MALEATE	Nerlynx
NILOTINIB HCL	Tasigna
NILUTAMIDE	Nilandron
NILUTAMIDE	nilutamide
NINTEDANIB ESYLATE	Ofev
NIRAPARIB TOSYLATE	Zejula
NIVOLUMAB	Opdivo
OBINUTUZUMAB	Gazyva
OFATUMUMAB	Arzerra
OLAPARIB	Lynparza
OLARATUMAB	Lartruvo
OMACETAXINE MEPESUCCINATE	Synribo
OSIMERTINIB MESYLATE	Tagrisso
OXALIPLATIN	oxaliplatin
OXALIPLATIN	Eloxatin
PACLITAXEL	paclitaxel
PACLITAXEL	Onxol
PACLITAXEL	Taxol
PACLITAXEL PROTEIN-BOUND	Abraxane
PALBOCICLIB	Ibrance
PANITUMUMAB	Vectibix
PANOBINOSTAT LACTATE	Farydak
PAZOPANIB HCL	Votrient
PEGASPARGASE	Oncaspar
PEGINTERFERON ALFA-2B	Sylatron
PEGINTERFERON ALFA-2B	Sylatron 4-Pack
PEMBROLIZUMAB	Keytruda
PEMETREXED DISODIUM	Alimta
PENTOSTATIN	Nipent
PENTOSTATIN	pentostatin

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
PERTUZUMAB	Perjeta
PLICAMYCIN	Mithracin
POMALIDOMIDE	Pomalyst
PONATINIB HCL	Iclusig
PORFIMER SODIUM	Photofrin
PRALATREXATE	Folotyn
PROCARBAZINE HCL	Matulane
RADIUM-223 DICHLORIDE	Xofigo
RAMUCIRUMAB	Cyramza
REGORAFENIB	Stivarga
RIBOCICLIB SUCCINATE	Kisqali
RIBOCICLIB SUCCINATE/LETROZOLE	Kisqali Femara Co-Pack
RITUXIMAB	Rituxan
RITUXIMAB/HYALURONIDASE, HUMAN RECOMBINANT	Rituxan Hycela
ROMIDEPSIN	Istodax
ROMIDEPSIN	romidepsin
RUCAPARIB CAMSYLATE	Rubraca
RUXOLITINIB PHOSPHATE	Jakafi
SAMARIUM SM 153 LEXIDRONAM	Quadramet
SILTUXIMAB	Sylvant
SIPULEUCEL-T/LACTATED RINGERS SOLUTION	Provenge
SODIUM IODIDE-131	Hicon
SONIDEGIB PHOSPHATE	Odomzo
SORAFENIB TOSYLATE	Nexavar
STREPTOZOCIN	Zanosar
STRONTIUM-89 CHLORIDE	Metastron
SUNITINIB MALATE	Sutent
TALIMOGENE LAHERPAREPVEC	Imlygic
TAMOXIFEN CITRATE	Nolvadex
TAMOXIFEN CITRATE	tamoxifen
TAMOXIFEN CITRATE	Soltamox
TEMOZOLOMIDE	Temodar
TEMOZOLOMIDE	temozolomide
TEMSIROLIMUS	Torisel
TENIPOSIDE	Vumon
TENIPOSIDE	teniposide
TESTOLACTONE	Teslac
THALIDOMIDE	Thalomid
THIOGUANINE	Tabloid
THIOTEPA	Thioplex
THIOTEPA	thiotepa
THIOTEPA	Tepadina

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
TISAGENLECLEUCEL	Kymriah
TOPOTECAN HCL	topotecan
TOPOTECAN HCL	Hycamtin
TOREMIFENE CITRATE	Fareston
TOSITUMOMAB (WITH MALTOSE)	Bexxar Therapeutic
TOSITUMOMAB (WITH MALTOSE)	Bexxar Dosimetric
TOSITUMOMAB IODINE-131 (WITH MALTOSE)	Bexxar 131 Iodine
TRABECTEDIN	Yondelis
TRAMETINIB DIMETHYL SULFOXIDE	Mekinist
TRASTUZUMAB	Herceptin
TRETINOIN	tretinoin (chemotherapy)
TRETINOIN	Vesanoid
TRIFLURIDINE/TIPIRACIL HCL	Lonsurf
TRIPTORELIN PAMOATE	Trelstar
TRIPTORELIN PAMOATE	Trelstar Depot
TRIPTORELIN PAMOATE	Trelstar LA
URACIL MUSTARD	uracil mustard
VALRUBICIN	Valstar
VANDETANIB	Caprelsa
VANDETANIB	vandetanib
VEMURAFENIB	Zelboraf
VENETOCLAX	Venclexta
VENETOCLAX	Venclexta Starting Pack
VINBLASTINE SULFATE	vinblastine
VINBLASTINE SULFATE	Velban
VINCRISTINE SULFATE	Oncovin
VINCRISTINE SULFATE	vincristine
VINCRISTINE SULFATE	Vincasar PFS
VINCRISTINE SULFATE LIPOSOMAL	Marqibo
VINORELBINE TARTRATE	vinorelbine
VINORELBINE TARTRATE	Navelbine
VISMODEGIB	Erivedge
VORINOSTAT	Zolinza
ZIV-AFLIBERCEPT	Zaltrap
Corticosteroids	
BECLOMETHASONE DIPROPIONATE	Beclovent
BECLOMETHASONE DIPROPIONATE	Qvar
BECLOMETHASONE DIPROPIONATE	Vanceril
BECLOMETHASONE DIPROPIONATE	Beclovent Refill
BECLOMETHASONE DIPROPIONATE	Vanceril Double Strength
BECLOMETHASONE DIPROPIONATE	Qvar RediHaler
BECLOMETHASONE DIPROPIONATE	Beconase

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
BECLOMETHASONE DIPROPIONATE	Vancenase AQ Double Strength
BECLOMETHASONE DIPROPIONATE	Beconase AQ
BECLOMETHASONE DIPROPIONATE	Vancenase AQ
BECLOMETHASONE DIPROPIONATE	Vancenase Pockethaler
BECLOMETHASONE DIPROPIONATE	Vancenase
BECLOMETHASONE DIPROPIONATE	QNASL
BETAMETHASONE	Celestone
BETAMETHASONE ACETATE AND SODIUM PHOSPH/NORFLURANE/HFC 245FA	Betaloan SUIK
BETAMETHASONE ACETATE/BETAMETHASONE SODIUM PHOSPHATE	Beta-1
BETAMETHASONE ACETATE/BETAMETHASONE SODIUM PHOSPHATE	Celestone Soluspan
BETAMETHASONE ACETATE/BETAMETHASONE SODIUM PHOSPHATE	ReadySharp Betamethasone
BETAMETHASONE ACETATE/BETAMETHASONE SODIUM PHOSPHATE	betamethasone acet,sod phos
BETAMETHASONE SODIUM PHOSPH IN STERILE WATER FOR INJECTION	betamethasone sod phosph-water
BETAMETHASONE SODIUM PHOSPHATE	Celestone
BETAMETHASONE SODIUM PHOSPHATE	Adbeon
BETAMETHASONE SODIUM PHOSPHATE	betamethasone sodium phosphate
BUDESONIDE	budesonide
BUDESONIDE	Pulmicort Flexhaler
BUDESONIDE	Pulmicort
BUDESONIDE	Pulmicort Turbuhaler
BUDESONIDE	Rhinocort Aqua
BUDESONIDE	Rhinocort Allergy
BUDESONIDE	Rhinocort
CICLESONIDE	Alvesco
CICLESONIDE	Omnaris
CICLESONIDE	Zetonna
CORTISONE ACETATE	Cortone
CORTISONE ACETATE	cortisone
DEFLAZACORT	Emflaza
DEXAMETHASONE	dexamethasone
DEXAMETHASONE	DexPak 10 day
DEXAMETHASONE	Dexone
DEXAMETHASONE	DexPak 13 Day
DEXAMETHASONE	LoCort
DEXAMETHASONE	Hexadrol
DEXAMETHASONE	ZonaCort
DEXAMETHASONE	Decadron
DEXAMETHASONE	ZoDex
DEXAMETHASONE	Zema-Pak
DEXAMETHASONE	TaperDex
DEXAMETHASONE	Dexamethasone Intensol
DEXAMETHASONE	DexPak 6 Day

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
DEXAMETHASONE	Decadron Dose Pack
DEXAMETHASONE	Baycadron
DEXAMETHASONE ACETATE	Dalalone D.P.
DEXAMETHASONE ACETATE	dexamethasone acetate
DEXAMETHASONE ACETATE	Adrenocot LA
DEXAMETHASONE ACETATE	Solurex LA
DEXAMETHASONE ACETATE	Decaject
DEXAMETHASONE ACETATE	Dalalone LA
DEXAMETHASONE ACETATE	Dexacen LA-8
DEXAMETHASONE ACETATE	Dexasone LA
DEXAMETHASONE ACETATE	De-Sone LA
DEXAMETHASONE ACETATE	Dexone LA
DEXAMETHASONE PHOSPHATE	Primethasone
DEXAMETHASONE SOD PHOSPHATE	dexamethasone sodium phosphate
DEXAMETHASONE SOD PHOSPHATE	Solurex
DEXAMETHASONE SOD PHOSPHATE	Dexasone 4
DEXAMETHASONE SOD PHOSPHATE	ReadySharp dexamethasone
DEXAMETHASONE SOD PHOSPHATE	Dexone
DEXAMETHASONE SOD PHOSPHATE	Cpc-Cort-D
DEXAMETHASONE SOD PHOSPHATE	Decaject
DEXAMETHASONE SOD PHOSPHATE	Decadron
DEXAMETHASONE SOD PHOSPHATE	Dalalone
DEXAMETHASONE SOD PHOSPHATE	Dexasone 10
DEXAMETHASONE SOD PHOSPHATE	Adrenocot
DEXAMETHASONE SODIUM PHOSPHATE IN 0.9 % SODIUM CHLORIDE	dexamethasone in 0.9 % sod chl
DEXAMETHASONE SODIUM PHOSPHATE/LIDOCAINE HCL	Lidocidex-I
DEXAMETHASONE SODIUM PHOSPHATE/PF	MAS Care-Pak (PF)
DEXAMETHASONE SODIUM PHOSPHATE/PF	dexamethasone sodium phos (PF)
DEXAMETHASONE SODIUM PHOSPHATE/PF	Active Injection Kit D (PF)
DEXAMETHASONE SODIUM PHOSPHATE/PF	DoubleDex (PF)
DEXAMETHASONE/PF/NORFLURANE/PENTAFLUOROPROPANE (HFC 245FA)	DMT SUIK
FLUDROCORTISONE ACETATE	fludrocortisone
FLUDROCORTISONE ACETATE	Florinef
FLUNISOLIDE	Aerobid
FLUNISOLIDE	Aerospan
FLUNISOLIDE	flunisolide
FLUNISOLIDE	Nasarel
FLUNISOLIDE	Nasalide
FLUNISOLIDE/MENTHOL	Aerobid-M
FLUTICASONE FUROATE	Arnuity Ellipta
FLUTICASONE FUROATE	Veramyst
FLUTICASONE FUROATE	Flonase Sensimist

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
FLUTICASONE FUROATE	Children's Flonase Sensimist
FLUTICASONE PROPIONATE	Flovent Rotadisk
FLUTICASONE PROPIONATE	Flovent HFA
FLUTICASONE PROPIONATE	Flovent Diskus
FLUTICASONE PROPIONATE	Flovent
FLUTICASONE PROPIONATE	ArmonAir RespiClick
FLUTICASONE PROPIONATE	ClariSpray
FLUTICASONE PROPIONATE	Allergy Relief (fluticasone)
FLUTICASONE PROPIONATE	fluticasone
FLUTICASONE PROPIONATE	Children's Flonase Allergy Rlf
FLUTICASONE PROPIONATE	Aller-Flo
FLUTICASONE PROPIONATE	Flonase Allergy Relief
FLUTICASONE PROPIONATE	Flonase
FLUTICASONE PROPIONATE	24 Hour Allergy Relief
FLUTICASONE PROPIONATE	Childrens 24 Hr Allergy Relief
FLUTICASONE PROPIONATE	Xhance
FLUTICASONE PROPIONATE/SODIUM CHLORIDE/SODIUM BICARBONATE	Ticaspray
FLUTICASONE PROPIONATE/SODIUM CHLORIDE/SODIUM BICARBONATE	Ticanase
HYDROCORTISONE	hydrocortisone
HYDROCORTISONE	Cortef
HYDROCORTISONE	Hydrocortone
HYDROCORTISONE	Massengill Towelette,Medicated
HYDROCORTISONE ACETATE	hydrocortisone acetate
HYDROCORTISONE CYPIONATE	Cortef (as cypionate)
HYDROCORTISONE SOD PHOSPHATE	Hydrocortone
HYDROCORTISONE SOD SUCCINATE	Solu-Cortef
HYDROCORTISONE SOD SUCCINATE	hydrocortisone sod succinate
HYDROCORTISONE SOD SUCCINATE	A-Hydrocort
HYDROCORTISONE SODIUM SUCCINATE/PF	Solu-Cortef (PF)
METHYLPREDNISOLONE	Medrol
METHYLPREDNISOLONE	methylprednisolone
METHYLPREDNISOLONE	Medrol (Pak)
METHYLPREDNISOLONE	Meprolone Unipak
METHYLPREDNISOLONE	Methylpred
METHYLPREDNISOLONE ACETATE	methylprednisolone acetate
METHYLPREDNISOLONE ACETATE	Depo-Medrol
METHYLPREDNISOLONE ACETATE	Rep-Pred 80
METHYLPREDNISOLONE ACETATE	Dep-Medalone 40
METHYLPREDNISOLONE ACETATE	P-Care D40
METHYLPREDNISOLONE ACETATE	P-Care D80
METHYLPREDNISOLONE ACETATE	Depo-Predate
METHYLPREDNISOLONE ACETATE	Cpc-Depmed-40

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
METHYLPREDNISOLONE ACETATE	Depoject-80
METHYLPREDNISOLONE ACETATE	ReadySharp Methylprednisolone
METHYLPREDNISOLONE ACETATE	Depopred 40
METHYLPREDNISOLONE ACETATE	Rep-Pred 40
METHYLPREDNISOLONE ACETATE	Methylcotolone
METHYLPREDNISOLONE ACETATE	Medralone 80
METHYLPREDNISOLONE ACETATE	Adlone
METHYLPREDNISOLONE ACETATE	Medralone 40
METHYLPREDNISOLONE ACETATE	Depoject-40
METHYLPREDNISOLONE ACETATE	Depopred 80
METHYLPREDNISOLONE ACETATE	Cpc-Depmed-80
METHYLPREDNISOLONE ACETATE	Dep-Medalone 80
METHYLPREDNISOLONE ACETATE/BUPIVACAINE HCL	Physicians EZ Use M-Pred
METHYLPREDNISOLONE ACETATE/NORFLURANE/HFC 245FA	P-Care D40G
METHYLPREDNISOLONE ACETATE/NORFLURANE/HFC 245FA	Medroloan SUIK
METHYLPREDNISOLONE ACETATE/NORFLURANE/HFC 245FA	P-Care D80G
METHYLPREDNISOLONE ACETATE/NORFLURANE/HFC 245FA	Medroloan II SUIK
METHYLPREDNISOLONE SODIUM SUCCINATE	Solu-Medrol
METHYLPREDNISOLONE SODIUM SUCCINATE	methylprednisolone sodium succ
METHYLPREDNISOLONE SODIUM SUCCINATE	A-Methapred
METHYLPREDNISOLONE SODIUM SUCCINATE/PF	Solu-Medrol (PF)
MOMETASONE FUROATE	Asmanex Twisthaler
MOMETASONE FUROATE	Asmanex HFA
MOMETASONE FUROATE	mometasone
MOMETASONE FUROATE	Nasonex
MOMETASONE FUROATE	Sinuva
PREDNISOLONE	prednisolone
PREDNISOLONE	Prelone
PREDNISOLONE	Millipred
PREDNISOLONE	Millipred DP
PREDNISOLONE ACETATE	Key-Pred
PREDNISOLONE ACETATE	Cotolone
PREDNISOLONE ACETATE	prednisolone acetate
PREDNISOLONE ACETATE	Predalone 50
PREDNISOLONE ACETATE	Pri-Cortin 50
PREDNISOLONE ACETATE	UAD Pred
PREDNISOLONE ACETATE	Predicort-50
PREDNISOLONE ACETATE	Flo-Pred
PREDNISOLONE SOD PHOSPHATE	prednisolone sodium phosphate
PREDNISOLONE SOD PHOSPHATE	Orapred
PREDNISOLONE SOD PHOSPHATE	Pediapred
PREDNISOLONE SOD PHOSPHATE	Orapred ODT

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
PREDNISOLONE SOD PHOSPHATE	Veripred 20
PREDNISOLONE SOD PHOSPHATE	Millipred
PREDNISOLONE SOD PHOSPHATE	Bubbli-Pred
PREDNISOLONE SODIUM PHOSPHATE/PEAK FLOW METER	Asmalpred Plus
PREDNISOLONE SODIUM PHOSPHATE/PEAK FLOW METER	Asmalpred
PREDNISONE	prednisone
PREDNISONE	Deltasone
PREDNISONE	Sterapred DS
PREDNISONE	Liquid Pred
PREDNISONE	Meticorten
PREDNISONE	Rayos
PREDNISONE	Sterapred
PREDNISONE	Deltasone Dose Pack
PREDNISONE	Prednisone Intensol
TRIAMCINOLONE	Aristocort
TRIAMCINOLONE	Aristo-Pak
TRIAMCINOLONE	triamcinolone
TRIAMCINOLONE ACETONIDE	Azmacort
TRIAMCINOLONE ACETONIDE	Pro-C-Dure 6
TRIAMCINOLONE ACETONIDE	triamcinolone acetonide
TRIAMCINOLONE ACETONIDE	Kenalog
TRIAMCINOLONE ACETONIDE	Kenaject
TRIAMCINOLONE ACETONIDE	Tri-Kort
TRIAMCINOLONE ACETONIDE	Triam-A
TRIAMCINOLONE ACETONIDE	Arze-Ject-A
TRIAMCINOLONE ACETONIDE	ReadySharp Triamcinolone
TRIAMCINOLONE ACETONIDE	Cinonide 40
TRIAMCINOLONE ACETONIDE	P-Care K80
TRIAMCINOLONE ACETONIDE	Triamonide 40
TRIAMCINOLONE ACETONIDE	Pro-C-Dure 5
TRIAMCINOLONE ACETONIDE	Pod-Care 100K
TRIAMCINOLONE ACETONIDE	Acetocot
TRIAMCINOLONE ACETONIDE	Tac-3
TRIAMCINOLONE ACETONIDE	P-Care K40
TRIAMCINOLONE ACETONIDE	Cenocort A-40
TRIAMCINOLONE ACETONIDE	Zilretta
TRIAMCINOLONE ACETONIDE	Nasacort AQ
TRIAMCINOLONE ACETONIDE	Nasacort
TRIAMCINOLONE ACETONIDE	Nasal Allergy
TRIAMCINOLONE ACETONIDE	Children's Nasacort
TRIAMCINOLONE ACETONIDE	Tri-Nasal
TRIAMCINOLONE ACETONIDE/LIDOCAINE HCL	EZ Use Joint-Tunnel-Trigger

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
TRIAMCINOLONE ACETONIDE/LIDOCAINE HCL	Lidocilone I
TRIAMCINOLONE ACETONIDE/LIDOCAINE/PRILOCAINE	DermacinRx Cinlone-I CPI
TRIAMCINOLONE DIACETATE	Triamcot
TRIAMCINOLONE DIACETATE	Amcort
TRIAMCINOLONE DIACETATE	Aristocort Forte
TRIAMCINOLONE DIACETATE	Aristocort Intralesional
TRIAMCINOLONE DIACETATE	U-Tri-Lone
TRIAMCINOLONE DIACETATE	Cinalone 40
TRIAMCINOLONE DIACETATE	triamcinolone diacetate
TRIAMCINOLONE DIACETATE	Tristoject
TRIAMCINOLONE DIACETATE	Cenocort Forte Suspension
TRIAMCINOLONE DIACETATE	Triam Forte
TRIAMCINOLONE HEXACETONIDE	Aristospan Intralesional
TRIAMCINOLONE HEXACETONIDE	Aristospan Intra-Articular
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (HFC 245FA)	Triloan II SUIK
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (HFC 245FA)	Triloan SUIK
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (HFC 245FA)	Pod-Care 100KG
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (HFC 245FA)	P-Care K40G
TRIAMCINOLONE/NORFLURANE AND PENTAFLUOROPROPANE (HFC 245FA)	P-Care K80G
Cyclosporine	
CYCLOSPORINE	Sandimmune
CYCLOSPORINE	cyclosporine
CYCLOSPORINE, MODIFIED	cyclosporine modified
CYCLOSPORINE, MODIFIED	Neoral
CYCLOSPORINE, MODIFIED	Gengraf
CYCLOSPORINE, MODIFIED	SangCya
Loop Diuretics	
BUMETANIDE	bumetanide
BUMETANIDE	Bumex
ETHACRYNATE SODIUM	ethacrynate sodium
ETHACRYNATE SODIUM	Sodium Edecrin
ETHACRYNIC ACID	ethacrynic acid
ETHACRYNIC ACID	Edecrin
FUROSEMIDE	furosemide
FUROSEMIDE	Lasix
FUROSEMIDE IN 0.9 % SODIUM CHLORIDE	furosemide in 0.9 % NaCl
FUROSEMIDE/DEXTROSE 5 % IN WATER	furosemide in dextrose 5 %
TORSEMIDE	torsemide
TORSEMIDE	Demadex
Medroxyprogesterone	
ESTRADIOL CYPIONATE/MEDROXYPROGESTERONE ACETATE	medroxyprogest-estradiol cyp
ESTRADIOL CYPIONATE/MEDROXYPROGESTERONE ACETATE	Lunelle

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
ESTROGENS, CONJUGATED/MEDROXYPROGESTERONE ACETATE	Premphase
ESTROGENS, CONJUGATED/MEDROXYPROGESTERONE ACETATE	Prempro
MEDROXYPROGESTERONE ACETATE	Depo-Provera
MEDROXYPROGESTERONE ACETATE	medroxyprogesterone
MEDROXYPROGESTERONE ACETATE	Depo-SubQ provera 104
MEDROXYPROGESTERONE ACETATE	Cycrin
MEDROXYPROGESTERONE ACETATE	Provera
MEDROXYPROGESTERONE ACETATE	Amen
Nitrates	
AMYL NITRITE	amyl nitrite
ISOSORBIDE DINITRATE	Isordil
ISOSORBIDE DINITRATE	isosorbide dinitrate
ISOSORBIDE DINITRATE	Isordil Titradose
ISOSORBIDE DINITRATE	Sorbitrate
ISOSORBIDE DINITRATE	IsoDitrate
ISOSORBIDE DINITRATE	Dilatrate-SR
ISOSORBIDE DINITRATE	ISOCHRON
ISOSORBIDE MONONITRATE	isosorbide mononitrate
ISOSORBIDE MONONITRATE	Ismo
ISOSORBIDE MONONITRATE	Imdur
ISOSORBIDE MONONITRATE	Monoket
ISOSORBIDE MONONITRATE	Isotrate ER
NITROGLYCERIN	nitroglycerin
NITROGLYCERIN	Nitro-Bid
NITROGLYCERIN	Transderm-Nitro
NITROGLYCERIN	NitroTab
NITROGLYCERIN	Nitrolingual
NITROGLYCERIN	NitroQuick
NITROGLYCERIN	Tridil
NITROGLYCERIN	Nitro-Time
NITROGLYCERIN	GoNitro
NITROGLYCERIN	Nitromist
NITROGLYCERIN	Nitrostat
NITROGLYCERIN	Nitro-Dur
NITROGLYCERIN	Deponit
NITROGLYCERIN	Nitrek
NITROGLYCERIN	Minitran
NITROGLYCERIN	Nitrol
NITROGLYCERIN	Nitrodisc
NITROGLYCERIN	Transdermal-NTG
NITROGLYCERIN	Nitroglyn
NITROGLYCERIN	Nitrogard

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
NITROGLYCERIN	Nitronal
NITROGLYCERIN	Nitro-Trans System
NITROGLYCERIN	Nitrocot SA
NITROGLYCERIN IN 5 % DEXTROSE IN WATER	nitroglycerin in 5 % dextrose
Proton Pump Inhibitors	
ASPIRIN/OMEPRAZOLE	Yosprala
DEXLANSOPRAZOLE	Dexilant
DEXLANSOPRAZOLE	Kapidex
ESOMEPRAZOLE MAGNESIUM	esomeprazole magnesium
ESOMEPRAZOLE MAGNESIUM	Nexium
ESOMEPRAZOLE MAGNESIUM	Nexium 24HR
ESOMEPRAZOLE MAGNESIUM	Nexium Packet
ESOMEPRAZOLE SODIUM	esomeprazole sodium
ESOMEPRAZOLE SODIUM	Nexium IV
ESOMEPRAZOLE STRONTIUM	esomeprazole strontium
LANSOPRAZOLE	lansoprazole
LANSOPRAZOLE	Prevacid
LANSOPRAZOLE	Prevacid SoluTab
LANSOPRAZOLE	Heartburn Treatment 24 Hour
LANSOPRAZOLE	FIRST-Lansoprazole
LANSOPRAZOLE	Prevacid 24Hr
LANSOPRAZOLE	Heartburn Relief 24 Hour
LANSOPRAZOLE	Prevacid IV
LANSOPRAZOLE/AMOXICILLIN TRIHYDRATE/CLARITHROMYCIN	amoxicil-clarithromy-lansopraz
LANSOPRAZOLE/AMOXICILLIN TRIHYDRATE/CLARITHROMYCIN	Prevpac
LANSOPRAZOLE/NAPROXEN	PREVACID NapraPAC
NAPROXEN/ESOMEPRAZOLE MAGNESIUM	Vimovo
OMEPRAZOLE	omeprazole
OMEPRAZOLE	Prilosec
OMEPRAZOLE	Omeprazole+SyrSpend SF Alka
OMEPRAZOLE	FIRST-Omeprazole
OMEPRAZOLE MAGNESIUM	omeprazole magnesium
OMEPRAZOLE MAGNESIUM	Acid Reducer (omeprazole)
OMEPRAZOLE MAGNESIUM	Prilosec OTC
OMEPRAZOLE MAGNESIUM	Prilosec
OMEPRAZOLE/CLARITHROMYCIN/AMOXICILLIN TRIHYDRATE	Omeclamox-Pak
OMEPRAZOLE/SODIUM BICARBONATE	Zegerid OTC
OMEPRAZOLE/SODIUM BICARBONATE	Zegerid
OMEPRAZOLE/SODIUM BICARBONATE	omeprazole-sodium bicarbonate
OMEPRAZOLE/SODIUM BICARBONATE	OmePPI
PANTOPRAZOLE SODIUM	pantoprazole
PANTOPRAZOLE SODIUM	Protonix

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
RABEPRAZOLE SODIUM	Aciphex
RABEPRAZOLE SODIUM	AcipHex Sprinkle
RABEPRAZOLE SODIUM	rabeprazole
Short-Acting Gonadotropin-Releasing Hormone (GnRH) Agonists	
gonadorelin acetate	Lutrepulse
histrelin acetate	Supprelin
leuprolide acetate	leuprolide
leuprolide acetate	Lupron
nafarelin acetate	Synarel
Statins	
AMLODIPINE BESYLATE/ATORVASTATIN CALCIUM	amlodipine-atorvastatin
AMLODIPINE BESYLATE/ATORVASTATIN CALCIUM	Caduet
ASPIRIN (CALCIUM CARB & MAGNESIUM BUFFERS)/PRAVASTATIN	PRAVIGARD PAC
ATORVASTATIN CALCIUM	atorvastatin
ATORVASTATIN CALCIUM	Lipitor
CERIVASTATIN SODIUM	Baycol
EZETIMIBE/ATORVASTATIN CALCIUM	Liptruzet
EZETIMIBE/SIMVASTATIN	ezetimibe-simvastatin
EZETIMIBE/SIMVASTATIN	Vytorin 10-80
EZETIMIBE/SIMVASTATIN	Vytorin 10-10
EZETIMIBE/SIMVASTATIN	Vytorin 10-20
EZETIMIBE/SIMVASTATIN	Vytorin 10-40
FLUVASTATIN SODIUM	Lescol
FLUVASTATIN SODIUM	Lescol XL
FLUVASTATIN SODIUM	fluvastatin
LOVASTATIN	Mevacor
LOVASTATIN	lovastatin
LOVASTATIN	Altoprev
LOVASTATIN	Altocor
NIACIN/LOVASTATIN	Advicor
NIACIN/SIMVASTATIN	Simcor
PITAVASTATIN CALCIUM	Livalo
PRAVASTATIN SODIUM	pravastatin
PRAVASTATIN SODIUM	Pravachol
ROSUVASTATIN CALCIUM	Crestor
ROSUVASTATIN CALCIUM	rosuvastatin
SIMVASTATIN	simvastatin
SIMVASTATIN	Zocor
SIMVASTATIN	FloLipid
SITAGLIPTIN PHOSPHATE/SIMVASTATIN	Juvisync
Thiazide Diuretics	
ALISKIREN HEMIFUMARATE/AMLODIPINE/HYDROCHLOROTHIAZIDE	Amturnide

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
ALISKIREN HEMIFUMARATE/HYDROCHLOROTHIAZIDE	Tekturna HCT
AMILORIDE HCL/HYDROCHLOROTHIAZIDE	amiloride-hydrochlorothiazide
AMILORIDE HCL/HYDROCHLOROTHIAZIDE	Moduretic
AMLODIPINE BESYLATE/VALSARTAN/HYDROCHLOROTHIAZIDE	amlodipine-valsartan-hcthiaziid
AMLODIPINE BESYLATE/VALSARTAN/HYDROCHLOROTHIAZIDE	Exforge HCT
ATENOLOL/CHLORTHALIDONE	atenolol-chlorthalidone
ATENOLOL/CHLORTHALIDONE	Tenoretic 50
ATENOLOL/CHLORTHALIDONE	Tenoretic 100
BENAZEPRIL HCL/HYDROCHLOROTHIAZIDE	Lotensin HCT
BENAZEPRIL HCL/HYDROCHLOROTHIAZIDE	benazepril-hydrochlorothiazide
BENDROFLUMETHIAZIDE	Naturetin
BISOPROLOL FUMARATE/HYDROCHLOROTHIAZIDE	Ziac
BISOPROLOL FUMARATE/HYDROCHLOROTHIAZIDE	bisoprolol-hydrochlorothiazide
CANDESARTAN CILEXETIL/HYDROCHLOROTHIAZIDE	candesartan-hydrochlorothiazid
CANDESARTAN CILEXETIL/HYDROCHLOROTHIAZIDE	Atacand HCT
CAPTOPRIL/HYDROCHLOROTHIAZIDE	captopril-hydrochlorothiazide
CAPTOPRIL/HYDROCHLOROTHIAZIDE	Capozide
CHLOROTHIAZIDE	chlorothiazide
CHLOROTHIAZIDE	Diuril
CHLOROTHIAZIDE SODIUM	chlorothiazide sodium
CHLOROTHIAZIDE SODIUM	Diuril IV
CHLORTHALIDONE	chlorthalidone
CHLORTHALIDONE	Thalitone
CHLORTHALIDONE	Hygroton
CLONIDINE HCL/CHLORTHALIDONE	Clorpres
CLONIDINE HCL/CHLORTHALIDONE	clonidine-chlorthalidone
CLONIDINE HCL/CHLORTHALIDONE	Combipres-1
CLONIDINE HCL/CHLORTHALIDONE	Combipres-2
DESERPIDINE/METHYCLOTHIAZIDE	Enduronyl Forte
DESERPIDINE/METHYCLOTHIAZIDE	Enduronyl
ENALAPRIL MALEATE/HYDROCHLOROTHIAZIDE	enalapril-hydrochlorothiazide
ENALAPRIL MALEATE/HYDROCHLOROTHIAZIDE	Vaseretic
EPROSARTAN MESYLATE/HYDROCHLOROTHIAZIDE	Teveten HCT
FOSINOPRIL SODIUM/HYDROCHLOROTHIAZIDE	fosinopril-hydrochlorothiazide
FOSINOPRIL SODIUM/HYDROCHLOROTHIAZIDE	Monopril HCT
GUANETHIDINE SULFATE/HYDROCHLOROTHIAZIDE	Esimil
HYDRALAZINE HCL/HYDROCHLOROTHIAZIDE	hydralazine-hydrochlorothiazid
HYDRALAZINE HCL/HYDROCHLOROTHIAZIDE	Hydra-Zide
HYDRALAZINE HCL/HYDROCHLOROTHIAZIDE	Apresazide
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	hydralazine-reserpin-hcthiaziid
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Cam-Ap-Es
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Ser-A-Gen

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Tri-Hydroserpine
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Uni-Serp
HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE	Serpazide
HYDROCHLOROTHIAZIDE	hydrochlorothiazide
HYDROCHLOROTHIAZIDE	Oretic
HYDROCHLOROTHIAZIDE	HydroDiuril
HYDROCHLOROTHIAZIDE	Microzide
HYDROCHLOROTHIAZIDE	Carozide
HYDROCHLOROTHIAZIDE	Aquazide-H
HYDROCHLOROTHIAZIDE	Esidrix
HYDROFLUMETHIAZIDE	Diucardin
HYDROFLUMETHIAZIDE	Saluron
INDAPAMIDE	indapamide
INDAPAMIDE	Lozol
IRBESARTAN/HYDROCHLOROTHIAZIDE	irbesartan-hydrochlorothiazide
IRBESARTAN/HYDROCHLOROTHIAZIDE	Avalide
LISINOPRIL/HYDROCHLOROTHIAZIDE	lisinopril-hydrochlorothiazide
LISINOPRIL/HYDROCHLOROTHIAZIDE	Zestoretic
LISINOPRIL/HYDROCHLOROTHIAZIDE	Prinzide
LOSARTAN POTASSIUM/HYDROCHLOROTHIAZIDE	losartan-hydrochlorothiazide
LOSARTAN POTASSIUM/HYDROCHLOROTHIAZIDE	Hyzaar
METHYLCLOTHIAZIDE	methyclothiazide
METHYLCLOTHIAZIDE	Enduron
METHYLCLOTHIAZIDE	Aquatensen
METHYLDOPA/CHLOROTHIAZIDE	Aldoclor
METHYLDOPA/HYDROCHLOROTHIAZIDE	methyldopa-hydrochlorothiazide
METHYLDOPA/HYDROCHLOROTHIAZIDE	Aldoril-25
METHYLDOPA/HYDROCHLOROTHIAZIDE	Aldoril-15
METHYLDOPA/HYDROCHLOROTHIAZIDE	Aldoril D30
METHYLDOPA/HYDROCHLOROTHIAZIDE	Aldoril D50
METOLAZONE	metolazone
METOLAZONE	Zaroxolyn
METOLAZONE	Mykrox
METOPROLOL SUCCINATE/HYDROCHLOROTHIAZIDE	Dutoprol
METOPROLOL SUCCINATE/HYDROCHLOROTHIAZIDE	metoprolol su-hydrochlorothiaz
METOPROLOL TARTRATE/HYDROCHLOROTHIAZIDE	metoprolol ta-hydrochlorothiaz
METOPROLOL TARTRATE/HYDROCHLOROTHIAZIDE	Lopressor HCT
MOEXIPRIL HCL/HYDROCHLOROTHIAZIDE	Uniretic
MOEXIPRIL HCL/HYDROCHLOROTHIAZIDE	moexipril-hydrochlorothiazide
NADOLOL/BENDROFLUMETHIAZIDE	Corzide
NADOLOL/BENDROFLUMETHIAZIDE	nadolol-bendroflumethiazide
OLMESARTAN MEDOXOMIL/AMLODIPINE BESYLATE/HYDROCHLOROTHIAZIDE	olmesartan-amlodipin-hcthiazid

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
OLMESARTAN MEDOXOMIL/AMLODIPINE BESYLATE/HYDROCHLOROTHIAZIDE	Tribenzor
OLMESARTAN MEDOXOMIL/HYDROCHLOROTHIAZIDE	olmesartan-hydrochlorothiazide
OLMESARTAN MEDOXOMIL/HYDROCHLOROTHIAZIDE	Benicar HCT
POLYTHIAZIDE	Renese
PRAZOSIN HCL/POLYTHIAZIDE	Minizide
PRAZOSIN HCL/POLYTHIAZIDE	Minizide 2
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	propranolol-hydrochlorothiazid
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	Inderide LA
PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	Inderide
QUINAPRIL HCL/HYDROCHLOROTHIAZIDE	quinapril-hydrochlorothiazide
QUINAPRIL HCL/HYDROCHLOROTHIAZIDE	Accuretic
QUINAPRIL HCL/HYDROCHLOROTHIAZIDE	Quinaretic
RAUWOLFIA SERPENTINA/BENDROFLUMETHIAZIDE	Rondameth
RAUWOLFIA SERPENTINA/BENDROFLUMETHIAZIDE	Rauzide
RAUWOLFIA SERPENTINA/BENDROFLUMETHIAZIDE	bendroflumethiazide-rauwolfia
RAUWOLFIA SERPENTINA/BENDROFLUMETHIAZIDE	Flumezide
RESERPINE/HYDROCHLOROTHIAZIDE	reserpine-hydrochlorothiazide
RESERPINE/HYDROCHLOROTHIAZIDE	Hydro-Reserp
RESERPINE/HYDROFLUMETHIAZIDE	Salutensin-Demi
RESERPINE/HYDROFLUMETHIAZIDE	Salutensin
RESERPINE/METHYCLOTHIAZIDE	Diutensen-R
RESERPINE/POLYTHIAZIDE	Renese-R
SPIRONOLACTONE/HYDROCHLOROTHIAZIDE	spironolacton-hydrochlorothiaz
SPIRONOLACTONE/HYDROCHLOROTHIAZIDE	Aldactazide
TELMISARTAN/HYDROCHLOROTHIAZIDE	Micardis HCT
TELMISARTAN/HYDROCHLOROTHIAZIDE	telmisartan-hydrochlorothiazid
TIMOLOL MALEATE/HYDROCHLOROTHIAZIDE	Timolide
TRIAMTERENE/HYDROCHLOROTHIAZIDE	triamterene-hydrochlorothiazid
TRIAMTERENE/HYDROCHLOROTHIAZIDE	Dyazide
TRIAMTERENE/HYDROCHLOROTHIAZIDE	Maxzide-25mg
TRIAMTERENE/HYDROCHLOROTHIAZIDE	Maxzide
TRICHLORMETHIAZIDE	trichlormethiazide
TRICHLORMETHIAZIDE	Aquazide
TRICHLORMETHIAZIDE	Naqua
VALSARTAN/HYDROCHLOROTHIAZIDE	valsartan-hydrochlorothiazide
VALSARTAN/HYDROCHLOROTHIAZIDE	Diovan HCT
Long-Acting Goserelin	
goserelin acetate	Zoladex
Long-Acting Histrelin	
histrelin acetate	Supprelin LA
histrelin acetate	Vantas
Long-Acting Leuprolide Acetate (Excluding Lupron Depot-PED)	

Appendix J. List of Generic and Brand Names of Products Used to Define Patient Characteristics in this Request

Generic Name	Brand Name
leuprolide acetate	Eligard
leuprolide acetate	Eligard (3 month)
leuprolide acetate	Eligard (4 month)
leuprolide acetate	Eligard (6 month)
leuprolide acetate	Lupron Depot
leuprolide acetate	Lupron Depot (3 month)
leuprolide acetate	Lupron Depot (4 month)
leuprolide acetate	Lupron Depot (6 Month)
leuprolide acetate/lidocaine HCl	Viadur
leuprolide acetate/norethindrone acetate	Lupaneta Pack (1 month)
leuprolide acetate/norethindrone acetate	Lupaneta Pack (3 month)
Long-Acting Triptorelin	
triptorelin pamoate	Trelstar
triptorelin pamoate	Trelstar Depot
triptorelin pamoate	Trelstar LA
triptorelin pamoate	Triptodur
Short-Acting Gonadorelin	
gonadorelin acetate	Lutrepulse
Short-Acting Histrelin	
histrelin acetate	Supprelin
Short-Acting Leuprolide Acetate	
leuprolide acetate	leuprolide
leuprolide acetate	Lupron
Short-Acting Nafarelin	
nafarelin acetate	Synarel

Appendix K.1. Specifications for Request ID cder_mpl2p_wp011 (Comparisons 1-3)

The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) and Multiple Factor Matching tools, version 7.0.2, with custom programming to investigate whether children exposed to Lupron are at higher risk for fractures compared to children who are not exposed to Lupron.

Query Period: January 1, 2000 - August 31, 2018

Coverage Requirement: Medical and Drug

Enrollment Requirement: 183 days

Enrollment Gap: 45 days

Sex: Varies by comparison

Age Groups: 0-2, 3-4, 5-6, 7-8, 9-10 years

Freeze Data: Yes

Race Output: Yes

	Comparison 1		Comparison 2		Comparison 3	
Group	Lupron_noCPP_F_Prim	noCPP_F_Prim	Lupron_noCPP_M_Prim	noCPP_M_Prim	Lupron_CPP_F_Prim	CPP_F_Prim
Sex	Female	Female	Male	Male	Female	Female
Drug/Exposure	Leuprolide Acetate	Well child visit	Leuprolide Acetate	Well child visit	Leuprolide Acetate	1st CPP diagnosis in SDD + 117 days
Care Setting	Any	Any	Any	Any	Any	Any
Incident with Respect to:	Leuprolide Acetate		Leuprolide Acetate		Leuprolide Acetate	CPP
Incidence Criteria Care Setting	Any		Any		Any	Any
Washout (Days)	183	0	183	0	183	183 days before 1st CPP diagnosis in SDD
Cohort Definition	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period
Intention to Treat (ITT) Days - Episode Length (Days)	10,000	10,000	10,000	10,000	10,000	10,000
Sensitivity Analysis Only	Non-leuprolide acetate long-acting GnRH agonists	All long-acting GnRH agonists	Non-leuprolide acetate long-acting GnRH agonists	All long-acting GnRH agonists	Non-leuprolide acetate long-acting GnRH agonists	All long-acting GnRH agonists
Episode Truncation for Exposure	DP End Date, Query End Date, Death, Major trauma (ED* or IP*)	DP End Date, Query End Date, Death, Major trauma (ED* or IP*), CPP diagnosis	DP End Date, Query End Date, Death, Major trauma (ED* or IP*)	DP End Date, Query End Date, Death, Major trauma (ED* or IP*), CPP diagnosis	DP End Date, Query End Date, Death, Major trauma (ED* or IP*)	DP End Date, Query End Date, Death, Major trauma (ED* or IP*)
Pre-Existing Conditions						
Condition	CPP	CPP	CPP	CPP	CPP	
Care Setting	Any	Any	Any	Any	Any	
Include or Exclude	Include	Exclude	Include	Exclude	Include	
Lookback Period	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	

Appendix K.1. Specifications for Request ID cder_mpl2p_wp011 (Comparisons 1-3)

	Comparison 1		Comparison 2		Comparison 3	
Condition	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Non-Leuprolide Acetate long-acting GnRH agonist	All long-acting GnRH agonist	Non-Leuprolide Acetate long-acting GnRH agonist	All long-acting GnRH agonist	Non-Leuprolide Acetate long-acting GnRH agonist	All long-acting GnRH agonist
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Fractures	Fractures	Fractures	Fractures	Fractures	Fractures
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition		Leuprolide Acetate		Leuprolide Acetate		Leuprolide Acetate
Care Setting		Any		Any		Any
Include or Exclude		Exclude		Exclude		Exclude
Lookback Period		All available history		All available history		All available history
Event/Outcome						
Event/Outcome	Major fracture (diagnosis with procedure +/- 7 days) and no major trauma	Major fracture (diagnosis with procedure +/- 7 days) and no major trauma	Major fracture (diagnosis with procedure +/- 7 days) and no major trauma	Major fracture (diagnosis with procedure +/- 7 days) and no major trauma	Major fracture (diagnosis with procedure +/- 7 days) and no major trauma	Major fracture (diagnosis with procedure +/- 7 days) and no major trauma
Washout	0	0	0	0	0	0
Care Setting/Principal Diagnosis Position (PDX)	Any	Any	Any	Any	Any	Any
Blackout Period	0	0	0	0	0	0

Appendix K.1. Specifications for Request ID cder_mpl2p_wp011 (Comparisons 1-3)

	Comparison 1		Comparison 2		Comparison 3	
Matching						
Matching Variables	DOB and month	DOB and month	DOB and month	DOB and month	DOB and month	DOB and month
Matching Ratio	1:10	1:10	1:10	1:10	1:10	1:10
Matching Caliper Settings	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days
Analysis Type	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional
Effect Estimation	Risk set level data return	Risk set level data return	Risk set level data return	Risk set level data return	Risk set level data return	Risk set level data return
Kaplan Meier Plot	Yes	Yes	Yes	Yes	Yes	Yes
Kaplan Meier Plot Age Groups (Years)	0-2, 3-4, 5-6, 7-8, 9-10	0-2, 3-4, 5-6, 7-8, 9-10	0-2, 3-4, 5-6, 7-8, 9-10	0-2, 3-4, 5-6, 7-8, 9-10	0-2, 3-4, 5-6, 7-8, 9-10	0-2, 3-4, 5-6, 7-8, 9-10
<i>ICD-9-CM, ICD-10-CM, HCPCS, and CPT codes are provided by Optum360. NDC codes are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."</i>						

Appendix K.2. Specifications for Request ID cder_mpl2p_wp011 (Comparisons 4-7)

The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) and Multiple Factor Matching tools, version 7.0.2, with custom programming to investigate whether children exposed to Lupron are at higher risk for fractures compared to children who are not exposed to Lupron.

Query Period: January 1, 2000 - August 31, 2018
Coverage Requirement: Medical and Drug
Enrollment Requirement: 183 days
Enrollment Gap: 45 days
Sex: Varies by comparison
Age Groups: 0-2, 3-4, 5-6, 7-8, 9-10 years
Freeze Data: Yes
Race Output: Yes

	Comparison 4		Comparison 5		Comparison 6		Comparison 7	
Group	Lupron_CPP_M_Prim	CPP_M_Prim	Lupron_noCPP_F_Sec_All	noCPP_F_Sec_All	Lupron_noCPP_M_Sec_All	noCPP_M_Sec_All	Lupron_noCPP_F_Sec_Hi_p	noCPP_F_Sec_Hi_p
Sex	Male	Male	Female	Female	Male	Male	Female	Female
Drug/Exposure	Leuprolide Acetate	1st CPP diagnosis in SDD	Leuprolide Acetate	Well child visit	Leuprolide Acetate	Well child visit	Leuprolide Acetate	Well child visit
Care Setting	Any	Any	Any	Any	Any	Any	Any	Any
Incident with Respect to:	Leuprolide Acetate	CPP	Leuprolide Acetate		Leuprolide Acetate		Leuprolide Acetate	
Incidence Criteria Care Setting	Any	Any	Any		Any		Any	
Washout (Days)	183	183 days before 1st CPP diagnosis in SDD	183	0	183	0	183	0
Cohort Definition	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period
Intention to Treat (ITT) Days -- Episode Length	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Sensitivity Analysis Only	Non-leuprolide acetate long-acting GnRH agonists	All long-acting GnRH agonists	Non-leuprolide acetate long-acting GnRH agonists	All long-acting GnRH agonists	Non-leuprolide acetate long-acting GnRH agonists	All long-acting GnRH agonists	Non-leuprolide acetate long-acting GnRH agonists	All long-acting GnRH agonists

Appendix K.2. Specifications for Request ID cder_mpl2p_wp011 (Comparisons 4-7)

	Comparison 4		Comparison 5		Comparison 6		Comparison 7	
Episode Truncation for Exposure	DP End Date, Query End Date, Death, Major trauma (ED* or IP*)	DP End Date, Query End Date, Death, Major trauma (ED* or IP*)	DP End Date, Query End Date, Death	DP End Date, Query End Date, Death, CPP diagnosis	DP End Date, Query End Date, Death	DP End Date, Query End Date, Death, CPP diagnosis	DP End Date, Query End Date, Death	DP End Date, Query End Date, Death, CPP diagnosis
Pre-Existing Conditions								
Condition	CPP		CPP	CPP	CPP	CPP	CPP	CPP
Care Setting	Any		Any	Any	Any	Any	Any	Any
Include or Exclude	Include		Include	Exclude	Include	Exclude	Include	Exclude
Lookback Period	-183, 0		-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta
Care Setting	Any	Any	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Non-Leuprolide Acetate long-acting GnRH agonist	All long-acting GnRH agonist	Non-Leuprolide Acetate long-acting GnRH agonist	All long-acting GnRH agonist	Non-Leuprolide Acetate long-acting GnRH agonist	All long-acting GnRH agonist	Non-Leuprolide Acetate long-acting GnRH agonist	All long-acting GnRH agonist
Care Setting	Any	Any	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density
Care Setting	Any	Any	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria
Care Setting	Any	Any	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Fractures	Fractures	Fractures	Fractures	Fractures	Fractures	Fractures	Fractures
Care Setting	Any	Any	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0

Appendix K.2. Specifications for Request ID cder_mpl2p_wp011 (Comparisons 4-7)

	Comparison 4		Comparison 5		Comparison 6		Comparison 7	
Condition		Leuprolide Acetate		Leuprolide Acetate		Leuprolide Acetate		Leuprolide Acetate
Care Setting		Any		Any		Any		Any
Include or Exclude		Exclude		Exclude		Exclude		Exclude
Lookback Period		All available history		All available history		All available history		All available history
Event/Outcome								
Event/Outcome	Major fracture (diagnosis with procedure +/- 7 days) and no major trauma	Major fracture (diagnosis with procedure +/- 7 days) and no major trauma	Any fracture	Any fracture	Any fracture	Any fracture	Hip replacement	Hip replacement
Washout	0	0	0	0	0	0	0	0
Care Setting/Principal Diagnosis Position (PDX)	Any	Any	Any	Any	Any	Any	Any	Any
Blackout Period	0	0	0	0	0	0	0	0
Matching								
Matching Variables	DOB and month	DOB and month	DOB and month	DOB and month	DOB and month	DOB and month	DOB and month	DOB and month
Matching Ratio	1:10	1:10	1:10	1:10	1:10	1:10	1:10	1:10
Matching Caliper Setting	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days
Analysis Type	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional
Effect Estimation	Risk set level data	Risk set level	Risk set level data	Risk set level data	Risk set level data return	Risk set level data	Risk set level data return	Risk set level
Kaplan Meier Plot	Yes	Yes	No	No	No	No	No	No
Kaplan Meier Plot Age Groups (Years)	0-2, 3-4, 5-6, 7-8, 9-10	0-2, 3-4, 5-6, 7-8, 9-10						
<i>ICD-9-CM, ICD-10-CM, HCPCS, and CPT codes are provided by Optum360. NDC codes are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."</i>								

Appendix K.3. Specifications for Request ID cder_mpl2p_wp011 (Comparisons 8-10)

The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) and Multiple Factor Matching tools, version 7.0.2, with custom programming to investigate whether children exposed to Lupron are at higher risk for fractures compared to children who are not exposed to Lupron.

Query Period: January 1, 2000 - August 31, 2018

Coverage Requirement: Medical and Drug

Enrollment Requirement: 183 days

Enrollment Gap: 45 days

Sex: Varies by comparison

Age Groups: 0-2, 3-4, 5-6, 7-8, 9-10 years

Freeze Data: Yes

Race Output: Yes

	Comparison 8		Comparison 9		Comparison 10	
Group	Lupron_noCPP_M_Sec_Hip	noCPP_M_Sec_Hip	Lupron_noCPP_F_Sec_TMJ	noCPP_F_Sec_TMJ	Lupron_noCPP_M_Sec_TMJ	noCPP_M_Sec_TMJ
Sex	Male	Male	Female	Female	Male	Male
Drug/Exposure	Leuprolide Acetate	Well child visit	Leuprolide Acetate	Well child visit	Leuprolide Acetate	Well child visit
Care Setting	Any	Any	Any	Any	Any	Any
Incident with Respect to:	Leuprolide Acetate		Leuprolide Acetate		Leuprolide Acetate	
Incidence Criteria Care Setting	Any		Any		Any	
Washout (Days)	183	0	183	0	183	0
Cohort Definition	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period	Include only the first valid exposure during the query period
Intention to Treat (ITT) Days -- Episode Length	10,000	10,000	10,000	10,000	10,000	10,000
Sensitivity Analysis Only	Non-leuprolide acetate long-acting GnRH agonists	All long-acting GnRH agonists	Non-leuprolide acetate long-acting GnRH agonists	All long-acting GnRH agonists	Non-leuprolide acetate long-acting GnRH agonists	All long-acting GnRH agonists
Episode Truncation for Exposure	DP End Date, Query End Date, Death	DP End Date, Query End Date, Death, CPP diagnosis	DP End Date, Query End Date, Death	DP End Date, Query End Date, Death, CPP diagnosis	DP End Date, Query End Date, Death	DP End Date, Query End Date, Death, CPP diagnosis
Pre-Existing Conditions						
Condition	CPP	CPP	CPP	CPP	CPP	CPP
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Include	Exclude	Include	Exclude	Include	Exclude
Lookback Period	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0

Appendix K.3. Specifications for Request ID cder_mpl2p_wp011 (Comparisons 8-10)

	Comparison 8		Comparison 9		Comparison 10	
Condition	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta	Osteogenesis imperfecta
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Non-Leuprolide Acetate long-acting GnRH agonist	All long-acting GnRH agonist	Non-Leuprolide Acetate long-acting GnRH agonist	All long-acting GnRH agonist	Non-Leuprolide Acetate long-acting GnRH agonist	All long-acting GnRH agonist
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density	Drugs that affect bone density
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria	Gender dysphoria
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition	Fractures	Fractures	Fractures	Fractures	Fractures	Fractures
Care Setting	Any	Any	Any	Any	Any	Any
Include or Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude
Lookback Period	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0	-183, 0
Condition		Leuprolide Acetate		Leuprolide Acetate		Leuprolide Acetate
Care Setting		Any		Any		Any
Include or Exclude		Exclude		Exclude		Exclude
Lookback Period		All available history		All available history		All available history
Event/Outcome						
Event/Outcome	Hip replacement	Hip replacement	TMJ replacement	TMJ replacement	TMJ replacement	TMJ replacement
Washout	0	0	0	0	0	0
Care Setting/Principal Diagnosis Position (PDX)	Any	Any	Any	Any	Any	Any
Blackout Period	0	0	0	0	0	0

Appendix K.3. Specifications for Request ID cder_mpl2p_wp011 (Comparisons 8-10)

	Comparison 8		Comparison 9		Comparison 10	
Matching						
Matching Variables	DOB and month	DOB and month	DOB and month	DOB and month	DOB and month	DOB and month
Matching Ratio	1:10	1:10	1:10	1:10	1:10	1:10
Matching Caliper Setting	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days	DOB +/- 183 days
Analysis Type	Conditional	Conditional	Conditional	Conditional	Conditional	Conditional
Effect Estimation	Risk set level data return	Risk set level data return	Risk set level data return	Risk set level data return	Risk set level data return	Risk set level data return
Kaplan Meier Plot	No	No	No	No	No	No
Kaplan Meier Plot Age Groups (Years)						

ICD-9-CM, ICD-10-CM, HCPCS, and CPT codes are provided by Optum360. NDC codes are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."

Appendix L.1. Specifications for Request ID cder_mpl2p_wp011

The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) and Multiple Factor Matching tools, version 7.0.2, with custom programming to investigate whether children exposed to Lupron are at higher risk for fractures compared to children who are not exposed to Lupron.

Query Period: January 1, 2000 - August 31, 2018

Coverage Requirement: Medical and Drug

Enrollment Requirement: 183 days

Enrollment Gap: 45 days

Sex: Varies by scenario

Age Groups: 0-2, 3-4, 5-6, 7-8, 9-10 years

Scenario	Group	Sex	Follow-up		Pre-Index Patient Characteristics		Post-Index Patient Characteristics					
			Summary Statistics	Categories of Follow-up Time (Years)	Characteristics	Care Setting	Evaluation Window	Characteristics	Care Setting	Evaluation Window 1	Evaluation Window 2	Evaluation Window 3
1	Lupron_ noCPP_F _Prim	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
2	noCPP_F _Prim	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730

Appendix L.1. Specifications for Request ID cder_mpl2p_wp011

Scenario	Group	Sex	Follow-up		Pre-Index Patient Characteristics		Post-Index Patient Characteristics					
			Summary Statistics	Categories of Follow-up Time (Years)	Characteristics	Care Setting	Evaluation Window	Characteristics	Care Setting	Evaluation Window 1	Evaluation Window 2	Evaluation Window 3
3	Lupron_ noCPP_ M_Prim	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
4	noCPP_ M_Prim	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
5	Lupron_ CPP_F_ Prim	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730

Appendix L.1. Specifications for Request ID cder_mpl2p_wp011

Scenario	Group	Sex	Follow-up		Pre-Index Patient Characteristics		Post-Index Patient Characteristics					
			Summary Statistics	Categories of Follow-up Time (Years)	Characteristics	Care Setting	Evaluation Window	Characteristics	Care Setting	Evaluation Window 1	Evaluation Window 2	Evaluation Window 3
6	CPP_F_Prim	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
7	Lupron_CPP_M_Prim	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
8	CPP_M_Prim	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730

Appendix L.1. Specifications for Request ID cder_mpl2p_wp011

Scenario	Group	Sex	Follow-up		Pre-Index Patient Characteristics		Post-Index Patient Characteristics					
			Summary Statistics	Categories of Follow-up Time (Years)	Characteristics	Care Setting	Evaluation Window	Characteristics	Care Setting	Evaluation Window 1	Evaluation Window 2	Evaluation Window 3
9	Lupron_noCPP_F_Sec_All	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
10	noCPP_F_Sec_All	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
11	Lupron_noCPP_M_Sec_A II	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730

Appendix L.1. Specifications for Request ID cder_mpl2p_wp011

Scenario	Group	Sex	Follow-up		Pre-Index Patient Characteristics		Post-Index Patient Characteristics					
			Summary Statistics	Categories of Follow-up Time (Years)	Characteristics	Care Setting	Evaluation Window	Characteristics	Care Setting	Evaluation Window 1	Evaluation Window 2	Evaluation Window 3
12	noCPP_M_Sec_A_II	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
13	Lupron_noCPP_F_Sec_Hip	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
14	noCPP_F_Sec_Hip	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730

Appendix L.1. Specifications for Request ID cder_mpl2p_wp011

Scenario	Group	Sex	Follow-up		Pre-Index Patient Characteristics		Post-Index Patient Characteristics					
			Summary Statistics	Categories of Follow-up Time (Years)	Characteristics	Care Setting	Evaluation Window	Characteristics	Care Setting	Evaluation Window 1	Evaluation Window 2	Evaluation Window 3
15	Lupron_ noCPP_ M_Sec_ Hip	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
16	noCPP_ M_Sec_ Hip	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
17	Lupron_ noCPP_F _Sec_ TMJ	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730

Appendix L.1. Specifications for Request ID cder_mpl2p_wp011

Scenario	Group	Sex	Follow-up		Pre-Index Patient Characteristics		Post-Index Patient Characteristics					
			Summary Statistics	Categories of Follow-up Time (Years)	Characteristics	Care Setting	Evaluation Window	Characteristics	Care Setting	Evaluation Window 1	Evaluation Window 2	Evaluation Window 3
18	noCPP_F_Sec_TMJ	F	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
19	Lupron_noCPP_M_Sec_TMJ	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730
20	noCPP_M_Sec_TMJ	M	Yes	0-<2, 2-<4, 4-<6, 6-<8, 8-<10, 10-<12, ≥12	LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	-183, 0	Anticoagulants, Bisphosphonates, Anti-epileptic drugs, Corticosteroids, Chemotherapy, Cyclosporine, Medroxyprogesterone, Loop diuretics, Proton pump inhibitors, Thiazide diuretics, Statins, Nitrates, Beta blockers, Antidepressants, Short-acting GnRH agonists, LA leuprolide (excluding Lupron Depot-Ped), SA leuprolide, LA goserelin, SA gonadorelin, LA histrelin, SA histrelin, SA nafarelin, LA triptorelin	Any	1, end of follow-up	1, 183	1, 730

ICD-9-CM, ICD-10-CM, HCPCS, and CPT codes are provided by Optum360. NDC codes are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."

Appendix L.2. Specifications for Request ID cder_mpl2p_wp011 (cont.)

Scenario	Group	Sex	Most Frequent Utilization								Cumulative Duration		Total Number of Exposures	Time Since Discontinuation	Age at Time of Event		
			Number of Codes	Code Category	Code Type	Count Method	Care Setting	Evaluation Window 1	Evaluation Window 2	Evaluation Window 3	Evaluation Window 4	Evaluation Window	Extension (Days)	Summary Statistics	Summary Statistics	Summary Statistics	Summary Statistics
1	Lupron_noCPP_F_Prim	F	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes	Yes	Yes
			20	RX	9-Digit NDC												
2	noCPP_F_Prim	F	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730					Yes	Yes
			20	RX	9-Digit NDC												
3	Lupron_noCPP_M_Prim	M	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes	Yes	Yes
			20	RX	9-Digit NDC												
4	noCPP_M_Prim	M	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730					Yes	Yes
			20	RX	9-Digit NDC												
5	Lupron_CPP_F_Prim	F	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes	Yes	Yes
			20	RX	9-Digit NDC												
6	CPP_F_Prim	F	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730					Yes	Yes
			20	RX	9-Digit NDC												
7	Lupron_CPP_M_Prim	M	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes	Yes	Yes
			20	RX	9-Digit NDC												
8	CPP_M_Prim	M	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730					Yes	Yes
			20	RX	9-Digit NDC												
9	Lupron_noCPP_F_Sec_All	F	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes		
			20	RX	9-Digit NDC												

Appendix L.2. Specifications for Request ID cder_mpl2p_wp011 (cont.)

Scenario	Group	Sex	Most Frequent Utilization								Cumulative Duration		Total Number of Exposures	Time Since Discontinuation	Age at Time of Event	
			Number of Codes	Code Category	Code Type	Count Method	Care Setting	Evaluation Window 1	Evaluation Window 2	Evaluation Window 3	Evaluation Window 4	Evaluation Window	Extension (Days)	Summary Statistics	Summary Statistics	Summary Statistics
10	noCPP_F_Sec_All	F	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730					
			20	RX	9-Digit NDC											
11	Lupron_noCPP_M_Sec_A II	M	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes	
			20	RX	9-Digit NDC											
12	noCPP_M_Sec_A II	M	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730					
			20	RX	9-Digit NDC											
13	Lupron_noCPP_F_Sec_Hip	F	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes	
			20	RX	9-Digit NDC											
14	noCPP_F_Sec_Hip	F	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730					
			20	RX	9-Digit NDC											
15	Lupron_noCPP_M_Sec_Hip	M	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes	
			20	RX	9-Digit NDC											
16	noCPP_M_Sec_Hip	M	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730					
			20	RX	9-Digit NDC											
17	Lupron_noCPP_F_Sec_TMJ	F	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes	
			20	RX	9-Digit NDC											
18	noCPP_F_Sec_TMJ	F	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730					
			20	RX	9-Digit NDC											

Appendix L.2. Specifications for Request ID cder_mpl2p_wp011 (cont.)

Scenario	Group	Sex	Most Frequent Utilization								Cumulative Duration		Total Number of Exposures	Time Since Discontinuation	Age at Time of Event	
			Number of Codes	Code Category	Code Type	Count Method	Care Setting	Evaluation Window 1	Evaluation Window 2	Evaluation Window 3	Evaluation Window 4	Evaluation Window	Extension (Days)	Summary Statistics	Summary Statistics	Summary Statistics
19	Lupron_ noCPP_ M_Sec_ TMJ	M	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730	0, last exposure (PX or NDC)	30	Yes	Yes	
			20	RX	9-Digit NDC											
20	noCPP_ M_Sec_ TMJ	M	50	DX	ICD-9-CM, ICD-10-CM	Patient counts	Any	-183, 0	1, end of follow-up	1, 183	1, 730					
			20	RX	9-Digit NDC											

ICD-9-CM, ICD-10-CM, HCPCS, and CPT codes are provided by Optum360. NDC codes are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."