

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).

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Overview for Request: cder_mpl2p_wp044

Request ID: cder_mpl2p_wp044_nsdp_v01

<u>Request Description</u>: In this report we investigated the comparative risk of thromboembolic stroke, intracranial hemorrhage, gastrointestinal bleeding, and extracranial bleeding outcomes associated with use of rivaroxaban and apixaban in individuals under 65 years of age with non-valvular atrial fibrillation in the Sentinel Distributed Database (SDD).

<u>Sentinel Routine Querying Module:</u> Cohort Identification and Descriptive Analysis (CIDA) module, version 11.3.0, with Propensity Score Analysis module and custom programming.

<u>Data Source:</u> We distributed this request to five Data Partners on March 20, 2023. The study period included data from October 19, 2010 to February 28, 2022. See Appendix A for a list of the latest dates of available data for each DP included in this report.
<u>Study Design:</u> We identified cohorts of incident rivaroxaban and apixaban users among health plan members who were under 65 years of age with atrial fibrillation. We evaluated the occurrence of thromboembolic stroke (stroke), intracranial hemorrhage (ICH), major extracranial bleeding (MEB), and gastrointestinal bleeding (GIB) outcomes among these cohorts. We then conducted a Propensity Score Analysis (PSA) comparing the two treatments using inverse probability of treatment weighting (IPTW) to adjust for confounding. This study used a retrospective new-user cohort design. This is a Type 2 analysis using the Propensity Score Analysis module in the Query Request Package (QRP) documentation.

Exposures: We defined the exposures of interest as new use of standard dose rivaroxaban (20 mg once daily) or apixaban (5 mg twice daily). The exposure drugs were defined using National Drug Codes (NDCs). Please see Appendix B for a list of generic and brand names of medical products used to define exposures in this request.

<u>Outcomes:</u> We defined the following outcomes of interest. For a list of International Classification of Diseases, Ninth and Tenth Revisions, Clinical Modification (ICD-9-CM and ICD-10-CM) diagnosis codes used to define the outcomes, please see Appendix H.

- 1. We defined stroke and ICH using ICD-9-CM and ICD-10-CM diagnosis codes flagged as a primary diagnosis in an inpatient encounter.
- 2. We defined MEB¹ as:
- a) one ICD-9-CM or ICD-10-CM diagnosis code from "Major Extracranial Bleeding List 1" as primary diagnosis from inpatient encounter AND no code from "Major Extracranial Bleeding List 3"

OR

- b) one ICD-9-CM or ICD-10-CM diagnosis code from "Major Extracranial Bleeding List 2" as primary diagnosis from inpatient encounter AND one ICD-9-CM or ICD-10-CM diagnosis code from "Major Extracranial Bleeding List 1" as secondary or unspecified diagnosis from inpatient encounter on the same day AND no code from "Major Extracranial Bleeding List 3").
- 3. We defined GIB as:
- a) one ICD-9-CM or ICD-10-CM diagnosis code from "Gastrointestinal Bleeding List 1" as primary diagnosis from inpatient encounter

OR

b) one ICD-9-CM or ICD-10-CM diagnosis code from "Gastrointestinal Bleeding - List 2" as primary diagnosis from inpatient encounter AND one ICD-9-CM or ICD-10-CM diagnosis code from "Gastrointestinal Bleeding - List 1" as secondary or unspecified diagnosis from inpatient encounter on the same day.



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Cohort Eligibility Criteria: We required patients included in the cohorts to be enrolled in health plans with both medical and drug coverage for at least 183 days prior to the index exposure, during which gaps in coverage of up to 45 days were allowed and treated as continuous enrollment. Cohorts were further restricted to patients under 65 years of age. New use was defined as no use of apixaban or rivaroxaban at the specified index doses in the 183 days period preceding the index dispensing. We included patients with evidence of atrial fibrillation in the 183 days preceding or on the index date. We excluded patients from the cohort if they had evidence of use of alternative doses of rivaroxaban or apixaban or if they had any use of dabigatran, edoxaban, or warfarin at any dose in the 183 days prior to or on the index date. We also excluded patients from the cohort if they had evidence of dialysis, kidney replacement, deep vein thrombosis, pulmonary embolism, joint replacement, mitral stenosis, valve replacement or valve repair in the 183 days prior to and including the index date. Dialysis was only assessed in outpatient care settings.

Additionally, we excluded patients from the analysis if they had evidence of an institutional stay encounter on their index date. Inclusion and exclusion criteria were defined using NDCs, ICD-9-CM, ICD-10-CM, International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS) and Current Procedural Terminology, Fourth Edition (CPT-4) codes. Please see Appendix E for a list of generic and brand names of medical products, and Appendix D for a list of diagnosis and procedure codes used used to define inclusion and exclusion criteria in this request.

Follow-up: We determined follow-up time based on the length of the exposure episodes. Specifically, we created exposure episodes using outpatient pharmacy dispensing data. We bridged together exposure episodes less than three days apart and added three days at the end of each exposure episode to create continuous treatment episodes. Overlapping days supply of two dispensings were stockpiled up to 33% of the first dispensings days supply. We censored all exposure episodes upon dispensing of the comparator drug, alternative dose of the index drug, warfarin or edoxaban dispensing, kidney transplant, dialysis, institutional stay encounter, major extracranial bleed, gastrointestinal bleed, intracranial hemorrhage, or ischemic stroke. Follow-up began on the day after exposure initiation and continued until the first occurrence of any of the following: 1) outcome occurrence; 2) requester-defined censoring criteria; 3) disenrollment; 4) recorded death; 5) end of exposure episode; 6) end of query period; or 7) end of available data. Only the first valid exposure episode that occurred during the study period was included per patient. Censoring criteria were defined using NDC, ICD-9-CM, ICD-10-CM, ICD-10-PCS and CPT-4 codes. Please see Appendix F for a list of generic and brand names of medical products, and Appendix C for a list of diagnosis and procedure codes used to define censoring criteria in this request.

<u>Baseline Covariates:</u> Please see Appendix G for a list of generic and brand names of medical products, and Appendix H for a list of ICD-9-CM and ICD-10-CM diagnosis codes used to define baseline covariates in this request. Please see Appendix I for evaluation windows used to define covariates.

<u>Propensity Score Estimation:</u> We fit a logistic regression model to estimate the propensity score (PS) based on the potential confounders outlined in Appendix K. We used the PS to conduct an IPTW analysis. Specifically, after PS estimation and exclusion (i.e. trimming) of patients in non-overlapping regions of the PS distributions, we used the PS to create a stabilized average treatment effect (ATES) weight for each patient.

We initially applied three candidate weight truncation percentile thresholds to deal with potential extreme inverse probability of treatment weights: 0% (no truncation), 1%, and 2.5%. Truncation was operationalized symmetrically, in that weights smaller than the weight at the specified percentile of the weight distribution were re-assigned the value of the weight at the specified percentile of the weight distribution, while weights larger than the weight at the (100 - specified percentile) of the weight distribution. After a review of the distribution of IPT weights for the three truncation thresholds that was blinded to effect estimates, we decided truncation was not necessary and applied the 0% threshold (no truncation) to all analyses.



Overview for Request: cder_mpl2p_wp044

Subgroup analyses for effect estimation included prior antiplatelet use in 183 days, age categories (21-49, 50-64), sex (male, female), CHADSVASC² score (0, 1, 2, 3, 4, 5+), and HASBLED³ score (0, 1, 2, 3+) categories. The CHADSVASC score predicts risk of stroke in patients with atrial fibrillation, while the HASBLED score predicts bleeding risk in patients taking anticoagulants. For IPTW analyses, subgroups were formed out of the post-trimming overall population to ensure only those patients contributing to the overall analysis contributed to a subgroup analysis.

See Appendices J and K for the specifications or parameters used in this request.

<u>Limitations</u>: As with all observational studies, this evaluation was limited in its ability to control for all sources of potential bias. Algorithms used to define exposures, outcomes, inclusion and exclusion criteria, and covariates are imperfect and may be misclassified. Therefore, data should be interpreted with this limitation in mind.

<u>Notes:</u> Please contact the Sentinel Operations Center (info@sentinelsystem.org) for questions and to provide comments/suggestions for future enhancements to this document. For more information on Sentinel's routine querying modules, please refer to the documentation (https://dev.sentinelsystem.org/projects/SENTINEL/repos/sentinel-routine-querying-tooldocumentation/browse).

¹Cunningham A, Stein CM, Chung CP, Daugherty JR, Smalley WE, Ray WA. An automated database case definition for serious bleeding related to oral anticoagulant use. Pharmacoepidemiol Drug Saf. 2011 Jun;20(6):560-6.

²CHA2DS2-VASc: Lip, G.Y., Nieuwlaat, R., Pisters, R., Lane, D.A. and Crijns, H.J., 2010. Refining clinical risk stratification for predicting stroke and thromboembolism in atrial fibrillation using a novel risk factor-based approach: the euro heart survey on atrial fibrillation. Chest, 137(2), pp.263-272.

³HAS-BLED: Pisters, R., Lane, D.A., Nieuwlaat, R., De Vos, C.B., Crijns, H.J. and Lip, G.Y., 2010. A novel user-friendly score (HAS-BLED) to assess 1-year risk of major bleeding in patients with atrial fibrillation: the Euro Heart Survey. Chest, 138(5), pp.1093-



- Glossary (CIDA) List of Terms to Define the Cohort Identification and Descriptive Analysis (CIDA) Found in this Report
- Glossary (PSA) List of Terms to Define the Propensity Score Analysis (PSA) Found in this Report
 - <u>Table 1a</u> Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022
 - <u>Table 1b</u> Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%), in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022
 - <u>Table 1c</u> Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Sex: Female
 - <u>Table 1d</u> Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%), in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Sex: Female
 - <u>Table 1e</u> Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Sex: Male
 - <u>Table 1f</u> Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%), in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Sex: Male
 - <u>Table 1g</u> Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Age Group: 21-49
 - <u>Table 1h</u> Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%), in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Age Group: 21-49 years
 - <u>Table 1i</u> Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES
 Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Age Group: 50-64
 - <u>Table 1i</u> Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%), in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Age Group: 50-64 years
 - <u>Table 1k</u> Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 0
 - <u>Table 11</u> Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%), in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 0
 - <u>Table 1m</u> Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 1
 - <u>Table 1n</u> Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%), in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 1
 - <u>Table 10</u> Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 2
 - <u>Table 1p</u> Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%), in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 2
 - <u>Table 1q</u> Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 3
 - <u>Table 1r</u> Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%), in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 3



- <u>Table 1s</u> Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 4
- <u>Table 1t</u> Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%), in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 4
- <u>Table 1u</u> Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 5+
- <u>Table 1v</u> Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%), in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC:
- <u>Table 1w</u> Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 0
- <u>Table 1x</u> Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%), in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 0
- <u>Table 1y</u> Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 1
- <u>Table 1z</u> Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%), in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 1
- <u>Table 1aa</u> Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 2
- <u>Table 1ab</u> Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%), in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 2
- <u>Table 1ac</u> Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 3+
- <u>Table 1ad</u> Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%), in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 3+
- <u>Table 2a</u> Effect Estimates for Thromboembolic Stroke, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type
- <u>Table 2b</u> Effect Estimates for Thromboembolic Stroke, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and Age Group
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- <u>Table 3e</u> Effect Estimates for Major Extracranial Bleeding, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and Sex
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- <u>Table 5a</u> Effect Estimates for Intracranial Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type
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- <u>Figure 1h</u> Histograms Depicting Propensity Score Distributions Before and After Adjustment, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 2
- <u>Figure 1i</u> Histograms Depicting Propensity Score Distributions Before and After Adjustment, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 3
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- <u>Figure 1k</u> Histograms Depicting Propensity Score Distributions Before and After Adjustment, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 5+



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 International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes,
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 List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes,
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- Appendix F List of Generic and Brand Names of Medical Products Used to Define Censoring Criteria in this Request

 Appendix G List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics/Covariates in this Request



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

Appendix I Evaluation Windows Used to Define Baseline Characteristics/Covariates in this Request

Appendix J Specifications Defining Parameters for this Request

Appendix K Specifications for Propensity Score (PS) Models in this Request



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.

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

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 **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

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Glossary of Terms for Analyses Using Propensity Score Analysis (PSA) Module*

Covariate - requester defined binary variable to include in the propensity score estimation model (e.g., diabetes, heart failure, etc.) during requester-defined lookback period. Requester may also choose to add any of the following categorical, continuous, or count metrics to the propensity score estimation model:

- 1. Age (continuous)
- 2. Sex
- 3. Time period (i.e., monitoring period for sequential analyses)
- 4. Year of exposure
- 5. Comorbidity score
- 6. Medical utilization number of inpatient stays
- 7. Medical utilization number of institutional stays
- 8. Medical utilization number of emergency department visits
- 9. Medical utilization number of outpatient visits
- 10. Health care utilization number of other ambulatory encounters (e.g., telemedicine, email consults)
- 11. Drug utilization number of dispensings
- 12. Drug utilization number of unique generics dispensed
- 13. Drug utilization number of unique drug classes dispensed

Covariate Evaluation Window - specified number of days relative to index date to evaluate the occurrence of covariates of interest. Note: members are required to have continuous enrollment during the covariate evaluation window, regardless of the value included in the "Continuous enrollment before exposure" field.

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.

Mahalanobis Distance - provides a measure of balance across all variables while accounting for their correlation.

Matching Caliper - maximum allowed difference in propensity scores between treatment and control patients. Requester may select any caliper (e.g., 0.01, 0.025, and 0.05).

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

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

Propensity Score Stratification - option to stratify propensity scores based on requester-defined percentiles in the unmatched population. In a stratified analysis, a Cox model, stratified by Data Partner site, is run on the stratified population. Note that all patients identified in exposure and comparator cohorts are used in the analysis.

PSM Tool - performs effect estimation by comparing exposure propensity-score matched parallel new user cohorts. Propensity score estimation and matching are conducted within each Sentinel Data Partner site via distributed programming code; data are returned to the SOC, aggregated, and used to calculate effect estimates.

Risk-set Level Data Return - alternative to the patient-level data return approach. In this approach, the PSM tool will produce deidentified, 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.

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Glossary of Terms for Analyses Using Propensity Score Analysis (PSA) Module*

Zero Cell Correction - indicator for whether to screen variables with a zero correction added to each cell in the confounder/outcome 2x2 table. Recommended when the number of exposed outcomes is fewer than 150.

*all terms may not be used in this report

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Table 1a. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022

1011 October 19, 2010 to February 28, 2022		Medical	Covariate Balance			
	Rivarox	aban Users		ban Users		
		Percent/	· · · ·	Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Unique patients	57,932	100.0%	96,057	100.0%	N/A	N/A
Demographic Characteristics						
Age (years)	56.2	7.4	56.9	7.1	-0.654	-0.090
Age						
21-49 years	9,858	17.0%	14,411	15.0%	2.014	0.055
50-64 years	48,074	83.0%	81,646	85.0%	-2.014	-0.055
Sex						
Female	14,858	25.6%	28,332	29.5%	-3.848	-0.086
Male	43,074	74.4%	67,725	70.5%	3.848	0.086
Race ³	2.2	0.40/	22	0.40/	0.005	0.040
American Indian or Alaska Native	30	0.1%	83	0.1%	-0.035	-0.013
Asian Black or African American	112	0.2%	196	0.2%	-0.011	-0.002
Native Hawaiian or Other Pacific Islander	1,217 46	2.1% 0.1%	2,804 z	2.9% 0.1%	-0.818 -0.009	-0.052 -0.003
Unknown	48,930	84.5%	77,288	80.5%	4.001	0.105
White	7,384	12.7%	15,216	15.8%	-3.095	-0.089
Hispanic origin	7,55	12.770	13,210	23.070	0.033	0.003
Yes	289	0.5%	520	0.5%	-0.042	-0.006
No	4,795	8.3%	11,202	11.7%	-3.385	-0.113
Unknown	52,848	91.2%	84,335	87.8%	3.427	0.112
Year						
2010	0	0.0%	0	0.0%	NaN	NaN
2011	50	0.1%	0	0.0%	NaN	NaN
2012	2,775	4.8%	0	0.0%	NaN	NaN
2013	5,913	10.2%		1.5%	8.752	0.380
	·		1,397			
2014	7,432	12.8%	3,795	4.0%	8.878	0.324
2015	6,718	11.6%	6,871	7.2%	4.443	0.153
2016	6,456	11.1%	9,459	9.8%	1.297	0.042
2017	6,648	11.5%	11,431	11.9%	-0.425	-0.013
2018	6,296	10.9%	13,114	13.7%	-2.784	-0.085
2019	5,473	9.4%	14,982	15.6%	-6.150	-0.187
2020	4,523	7.8%	15,350	16.0%	-8.173	-0.255
2021	4,821	8.3%	17,399	18.1%	-9.791	-0.292
2022	827	1.4%	2,259	2.4%	-0.924	-0.068
CHADSVASC	3	,•	_,	,,		2.000
mean, std	1.6	1.2	1.8	1.3	-0.256	-0.210
0	10,767	18.6%	13,941	14.5%	4.072	0.110
1	20,330	35.1%	30,084	31.3%	3.774	0.080
2	15,198	26.2%	25,643	26.7%	-0.461	-0.010
3	7,610	13.1%	15,448	16.1%	-2.946	-0.083

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Table 1a. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022

from October 19, 2010 to February 28, 2022		Medical	Covaria	te Balance			
	Rivarox	aban Users		ban Users			
		Percent/		Percent/			
	Number/	Standard	Number/	Standard	Absolute	Standardized	
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference	
4	3,119	5.4%	8,042	8.4%	-2.988	-0.118	
>= 5	908	1.6%	2,899	3.0%	-1.451	-0.097	
HASBLED			•				
mean, std	0.9	0.7	1.1	0.8	-0.142	-0.184	
0	15,507	26.8%	21,702	22.6%	4.175	0.097	
1	32,498	56.1%	51,359	53.5%	2.630	0.053	
2	8,092	14.0%	17,271	18.0%	-4.012	-0.110	
>= 3	1,835	3.2%	5,725	6.0%	-2.792	-0.134	
Health Characteristics	·		<u> </u>				
Diabetes	15,090	26.0%	28,339	29.5%	-3.454	-0.077	
Hypercholesterolemia	14,892	25.7%	26,803	27.9%	-2.197	-0.050	
Hypertension	40,690	70.2%	71,267	74.2%	-3.955	-0.088	
Kidney failure (chronic)	2,677	4.6%	7,938	8.3%	-3.643	-0.149	
Kidney failure (acute)	2,782	4.8%	9,172	9.5%	-4.746	-0.185	
Obesity	19,165	33.1%	38,398	40.0%	-6.892	-0.144	
Peptic ulcer disease	140	0.2%	404	0.4%	-0.179	-0.031	
Nicotine dependency	13,335	23.0%	27,442	28.6%	-5.550	-0.127	
Hospitalized AMI (past 0-30 days)	906	1.6%	2,630	2.7%	-1.174	-0.081	
Hospitalized AMI (past 31-183 days)	456	0.8%	1,340	1.4%	-0.608	-0.059	
Coronary revascularization	3,860	6.7%	9,438	9.8%	-3.162	-0.115	
Hospitalized heart failure	7,312	12.6%	16,998	17.7%	-5.074	-0.142	
Outpatient heart failure	7,506	13.0%	15,848	16.5%	-3.542	-0.100	
Other ischemic heart disease	14,519	25.1%	27,845	29.0%	-3.926	-0.088	
Hospitalized stroke (past 0-30 days)	559	1.0%	1,443	1.5%	-0.537	-0.049	
Hospitalized stroke (past 31-183 days)	288	0.5%	866	0.9%	-0.404	-0.049	
Transient ischemic attack	1,673	2.9%	3,204	3.3%	-0.448	-0.026	
Other medical conditions (falls, fractures,	14,476	25.0%	25,554	26.6%	-1.615	-0.037	
syncope, walker use)e, walker use)							
Cardioversion	9,377	16.2%	15,151	15.8%	0.413	0.011	
Cardioablation	2,670	4.6%	4,170	4.3%	0.268	0.013	
Hospitalized for bleeding	175	0.3%	497	0.5%	-0.215	-0.034	
Medical Product Use							
Estrogen replacement	1,324	2.3%	2,361	2.5%	-0.172	-0.011	
H2-antagonist	1,252	2.2%	2,785	2.9%	-0.738	-0.047	
NSAIDs	9,071	15.7%	15,792	16.4%	-0.782	-0.021	
Proton pump inhibitors	10,933	18.9%	20,884	21.7%	-2.869	-0.071	
SSRI antidepressants	6,537	11.3%	12,269	12.8%	-1.489	-0.046	
Insulin	3,601	6.2%	7,708	8.0%	-1.808	-0.070	
Metformin (Biguanide)	9,309	16.1%	17,144	17.8%	-1.779	-0.047	
Sulfonylureas	3,106	5.4%	5,172	5.4%	-0.023	-0.001	
Other diabetes medications	4,138	7.1%	8,603	9.0%	-1.813	-0.067	
ACEI/ARB	28,216	48.7%	49,059	51.1%	-2.367	-0.047	
Antiarrhythmics	17,012	29.4%	26,803	27.9%	1.462	0.032	

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Table 1a. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022

		Medical		Covariate Balance		
	Rivaroxaban Users		Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Anti-coagulant (injectable)	6,089	10.5%	11,768	12.3%	-1.740	-0.055
Anti-platelets	5,675	9.8%	12,825	13.4%	-3.555	-0.111
Beta-blockers	40,265	69.5%	69,488	72.3%	-2.836	-0.062
Calcium channel blockers	19,743	34.1%	34,401	35.8%	-1.734	-0.036
Digoxin	3,955	6.8%	5,126	5.3%	1.491	0.062
Diuretics (loop)	9,203	15.9%	19,232	20.0%	-4.136	-0.108
Diuretics (potassium sparing)	4,106	7.1%	8,471	8.8%	-1.731	-0.064
Diuretics (thiazide)	11,452	19.8%	19,787	20.6%	-0.831	-0.021
Nitrates	2,573	4.4%	5,824	6.1%	-1.622	-0.073
Statins	23,901	41.3%	43,962	45.8%	-4.510	-0.091
Fibrates	2,249	3.9%	3,766	3.9%	-0.038	-0.002
Amiodarone	5,234	9.0%	10,351	10.8%	-1.741	-0.058
Dronedarone	1,784	3.1%	2,119	2.2%	0.873	0.054
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	40,509	69.9%	62,427	65.0%	4.936	0.105
No ED encounters (past 31-183 days)	47,230	81.5%	75,358	78.5%	3.075	0.077
At least 1 ED encounter (past 0-30 days)	17,423	30.1%	33,630	35.0%	-4.936	-0.105
At least 2 ED encounters (past 0-30 days)	3,723	6.4%	8,054	8.4%	-1.958	-0.075
At least 1 ED encounter (past 31-183 days)	10,702	18.5%	20,699	21.5%	-3.075	-0.077
At least 2 ED encounters (past 31-183 days)	3,374	5.8%	7,240	7.5%	-1.713	-0.069

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

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²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1b. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022

		Medical	Covariate Balance			
	Rivaroxa	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Weighted patients	57,965	N/A	96,013	N/A	N/A	N/A
Demographic Characteristics						
Age (years)	56.6	7.2	56.7	7.3	-0.077	-0.011
Age	0.005	15 60/	15 267	15.00/	0.262	0.007
21-49 years 50-64 years	9,065 48,900	15.6% 84.4%	15,267 80,746	15.9% 84.1%	-0.263 0.263	-0.007 0.007
Sex	40,300	84.470	80,740	84.170	0.203	0.007
Female	16,208	28.0%	26,985	28.1%	-0.144	-0.003
Male	41,756	72.0%	69,027	71.9%	0.144	0.003
Race ³	•		•			
American Indian or Alaska Native	30	0.1%	81	0.1%	-0.033	-0.012
Asian	105	0.2%	205	0.2%	-0.033	-0.008
Black or African American	1,319	2.3%	2,665	2.8%	-0.500	-0.033
Native Hawaiian or Other Pacific Islander	48	0.1%	Z	0.1%	-0.004	-0.001
Unknown	48,580	83.8%	77,609	80.8%	2.978	0.113
White	7,673	13.2%	14,986	15.6%	-2.371	-0.087
Hispanic origin						
Yes	290	0.5%	512	0.5%	-0.034	-0.005
No Unknown	5,075 52,600	8.8% 90.7%	10,929 84,572	11.4% 88.1%	-2.628 2.661	-0.163 0.155
	32,000	30.770	04,372	00.170	2.001	0.133
Year	0	0.00/	0	0.00/	NI-NI	NI-NI
2010	0	0.0%	0	0.0%	NaN	NaN
2011	44	0.1%	0	0.0%	NaN	NaN
2012	2,495	4.3%	0	0.0%	NaN	NaN
2013	5,502	9.5%	1,512	1.6%	7.916	0.352
2014	7,059	12.2%	4,042	4.2%	7.968	0.294
2015	6,498	11.2%	7,189	7.5%	3.723	0.128
2016	6,428	11.1%	9,631	10.0%	1.059	0.034
2017	6,838	11.8%	11,530	12.0%	-0.211	-0.007
2018	6,529	11.3%	13,089	13.6%	-2.368	-0.072
2019	5,742	9.9%	14,758	15.4%	-5.464	-0.165
2020	4,810	8.3%	15,070	15.7%	-7.397	-0.229
2021	5,129	8.8%	16,992	17.7%	-8.848	-0.263
2022	890	1.5%	2,202	2.3%	-0.757	-0.055
CHADSVASC	030	1.570	2,202	2.570	0.757	0.033
mean, std	1.7	1.2	1.7	1.2	-0.022	-0.018
0	9,429	16.3%	15,298	15.9%	0.334	0.009
1	19,096	32.9%	31,296	32.6%	0.348	0.007
2	15,367	26.5%	25,477	26.5%	-0.025	-0.001
3	8,581	14.8%	14,474	15.1%	-0.271	-0.008



Table 1b. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022

		Medical	Covaria	te Balance			
	Rivarox	aban Users	Apixal	oan Users			
		Percent/		Percent/			
	Number/	Standard	Number/	Standard	Absolute	Standardized	
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference	
4	4,093	7.1%	7,058	7.4%	-0.291	-0.011	
>= 5	1,400	2.4%	2,410	2.5%	-0.095	-0.006	
HASBLED							
mean, std	1.0	0.8	1.0	0.8	-0.012	-0.015	
0	14,174	24.5%	23,050	24.0%	0.446	0.010	
1	31,558	54.4%	52,273	54.4%	-0.000	-0.000	
2	9,448	16.3%	15,920	16.6%	-0.281	-0.008	
>= 3	2,785	4.8%	4,770	5.0%	-0.164	-0.008	
Health Characteristics							
Diabetes	16,109	27.8%	27,271	28.4%	-0.613	-0.014	
Hypercholesterolemia	15,558	26.8%	26,023	27.1%	-0.262	-0.006	
Hypertension	41,964	72.4%	69,967	72.9%	-0.476	-0.011	
Kidney failure (chronic)	3,926	6.8%	6,726	7.0%	-0.232	-0.009	
Kidney failure (acute)	4,452	7.7%	7,529	7.8%	-0.161	-0.006	
Obesity	21,546	37.2%	36,056	37.6%	-0.382	-0.008	
Peptic ulcer disease	198	0.3%	341	0.4%	-0.012	-0.002	
Nicotine dependency	15,227	26.3%	25,624	26.7%	-0.420	-0.010	
Hospitalized AMI (past 0-30 days)	1,281	2.2%	2,217	2.3%	-0.100	-0.007	
Hospitalized AMI (past 31-183 days)	677	1.2%	1,132	1.2%	-0.011	-0.001	
Coronary revascularization	4,916	8.5%	8,362	8.7%	-0.229	-0.008	
Hospitalized heart failure	9,004	15.5%	15,287	15.9%	-0.388	-0.011	
Outpatient heart failure	8,641	14.9%	14,775	15.4%	-0.481	-0.014	
Other ischemic heart disease	15,777	27.2%	26,600	27.7%	-0.487	-0.011	
Hospitalized stroke (past 0-30 days)	737	1.3%	1,246	1.3%	-0.027	-0.002	
Hospitalized stroke (past 31-183 days)	447	0.8%	724	0.8%	0.017	0.002	
Transient ischemic attack	1,843	3.2%	3,051	3.2%	0.002	0.000	
Other medical conditions (falls, fractures,	15,037	25.9%	25,052	26.1%	-0.152	-0.003	
syncope, walker use)e, walker use)							
Cardioversion	9,265	16.0%	15,254	15.9%	0.097	0.003	
Cardioablation	2,583	4.5%	4,261	4.4%	0.019	0.001	
Hospitalized for bleeding	256	0.4%	419	0.4%	0.005	0.001	
Medical Product Use		9	0.55	9	0.010		
Estrogen replacement	1,394	2.4%	2,294	2.4%	0.016	0.001	
H2-antagonist	1,500	2.6%	2,579	2.7%	-0.098	-0.006	
NSAIDs	9,324	16.1%	15,575	16.2%	-0.136	-0.004	
Proton pump inhibitors	11,829	20.4%	19,994	20.8%	-0.417	-0.010	
SSRI antidepressants	7,023	12.1%	11,855	12.3%	-0.231	-0.007	
Insulin	4,128	7.1%	7,119	7.4%	-0.292	-0.011	
Metformin (Biguanide)	9,840	17.0%	16,572	17.3%	-0.285	-0.008	
Sulfonylureas	3,031	5.2%	5,184	5.4%	-0.170	-0.008	
Other diabetes medications	4,715	8.1%	7,954	8.3%	-0.149	-0.005	
ACEI/ARB	29,029	50.1%	48,349	50.4%	-0.276	-0.006	



Table 1b. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022

		Medical		Covariate Balance		
	Rivaroxa	aban Users	Apixaban Users			
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Antiarrhythmics	16,491	28.5%	27,333	28.5%	-0.017	-0.000
Anti-coagulant (injectable)	6,697	11.6%	11,182	11.6%	-0.092	-0.003
Anti-platelets	6,934	12.0%	11,593	12.1%	-0.113	-0.003
Beta-blockers	41,228	71.1%	68,498	71.3%	-0.216	-0.005
Calcium channel blockers	20,300	35.0%	33,804	35.2%	-0.186	-0.004
Digoxin	3,378	5.8%	5,686	5.9%	-0.095	-0.004
Diuretics (loop)	10,510	18.1%	17,932	18.7%	-0.544	-0.014
Diuretics (potassium sparing)	4,684	8.1%	7,907	8.2%	-0.155	-0.006
Diuretics (thiazide)	11,705	20.2%	19,516	20.3%	-0.133	-0.003
Nitrates	3,103	5.4%	5,318	5.5%	-0.186	-0.008
Statins	25,330	43.7%	42,462	44.2%	-0.526	-0.011
Fibrates	2,218	3.8%	3,754	3.9%	-0.084	-0.004
Amiodarone	5,784	10.0%	9,740	10.1%	-0.166	-0.006
Dronedarone	1,483	2.6%	2,426	2.5%	0.031	0.002
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	38,820	67.0%	64,163	66.8%	0.145	0.003
No ED encounters (past 31-183 days)	46,161	79.6%	76,245	79.4%	0.226	0.006
At least 1 ED encounter (past 0-30 days)	19,144	33.0%	31,850	33.2%	-0.145	-0.003
At least 2 ED encounters (past 0-30 days)	4,377	7.6%	7,380	7.7%	-0.135	-0.005
At least 1 ED encounter (past 31-183 days)	11,804	20.4%	19,768	20.6%	-0.226	-0.006
At least 2 ED encounters (past 31-183 days)	3,964	6.8%	6,738	7.0%	-0.180	-0.007

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1c. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Sex: Female

	1	Medical	Covariate Balance			
	Rivarox	aban Users		oan Users	Covaria	ic balance
	HIVETOX	Percent/	Арілак	Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Unique patients	14,857	100.0%	28,303	100.0%	N/A	N/A
Demographic Characteristics	,		•		•	·
Age (years)	57.3	6.8	57.8	6.5	-0.498	-0.075
Age						
21-49 years	1,944	13.1%	3,284	11.6%	1.482	0.045
50-64 years	12,913	86.9%	25,019	88.4%	-1.482	-0.045
Sex						
Female	14,857	100.0%	28,303	100.0%	0.000	-
Male	0	0.0%	0	0.0%	-	-
Race ³						
American Indian or Alaska Native	7	0.0%	41	0.1%	-0.098	-0.032
Asian	28	0.2%	56	0.2%	-0.009	-0.002
Black or African American	471	3.2%	1,215	4.3%	-1.123	-0.059
Native Hawaiian or Other Pacific Islander	15	0.1%	Z	0.1%	-0.002	-0.000
Unknown	12,159	81.8%	21,877	77.3%	4.545	0.113
White	2,127	14.3%	4,987	17.6%	-3.304	-0.090
Hispanic origin						
Yes	73	0.5%	141	0.5%	-0.007	-0.001
No	1,640	11.0%	4,179	14.8%	-3.727	-0.111
Unknown	13,144	88.5%	23,983	84.7%	3.733	0.110
Year						
2010	0	0.0%	0	0.0%	NaN	NaN
2011	8	0.1%	0	0.0%	NaN	NaN
2012	650	4.4%	0	0.0%	NaN	NaN
2013	1,404	9.5%	352	1.2%	8.206	0.371
2014	1,838	12.4%	1,047	3.7%	8.672	0.323
2015	1,691	11.4%	1,973	7.0%	4.411	0.153
2016	1,633	11.0%	2,813	9.9%	1.053	0.034
2017	1,776	12.0%	3,398	12.0%	-0.052	-0.002
2017			3,962	14.0%	-0.032	-0.002
	1,720	11.6%				
2019	1,446	9.7%	4,370	15.4%	-5.707	-0.173
2020	1,187	8.0%	4,498	15.9%	-7.903	-0.246
2021	1,278	8.6%	5,227	18.5%	-9.866	-0.291
2022	226	1.5%	663	2.3%	-0.821	-0.060
CHADSVASC						
mean, std	2.3	1.1	2.5	1.2	-0.179	-0.156
0	0	0.0%	0	0.0%	-	-
1	3,463	23.3%	5,866	20.7%	2.583	0.062
2	5,914	39.8%	10,516	37.2%	2.651	0.055
3	3,206	21.6%	5,878	20.8%	0.811	0.020
4	1,618	10.9%	3,886	13.7%	-2.840	-0.087



Table 1c. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Sex: Female

		Medical	Covaria	te Balance		
	Rivarox	aban Users	Apixaban Users			
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
>= 5	656	4.4%	2,157	7.6%	-3.206	-0.135
HASBLED						
mean, std	1.0	0.7	1.1	0.8	-0.125	-0.164
0	3,751	25.2%	6,333	22.4%	2.872	0.067
1	8,416	56.6%	14,971	52.9%	3.751	0.075
2	2,205	14.8%	5,314	18.8%	-3.934	-0.105
>= 3	485	3.3%	1,685	6.0%	-2.689	-0.129
Health Characteristics						
Diabetes	4,099	27.6%	8,395	29.7%	-2.071	-0.046
Hypercholesterolemia	3,550	23.9%	7,393	26.1%	-2.226	-0.051
Hypertension	10,591	71.3%	20,925	73.9%	-2.646	-0.059
Kidney failure (chronic)	663	4.5%	2,107	7.4%	-2.982	-0.126
Kidney failure (acute)	626	4.2%	2,260	8.0%	-3.772	-0.158
Obesity	5,729	38.6%	12,635	44.6%	-6.081	-0.124
Peptic ulcer disease	46	0.3%	144	0.5%	-0.199	-0.031
Nicotine dependency	3,233	21.8%	7,743	27.4%	-5.597	-0.130
Hospitalized AMI (past 0-30 days)	206	1.4%	613	2.2%	-0.779	-0.059
Hospitalized AMI (past 31-183 days)	92	0.6%	353	1.2%	-0.628	-0.065
Coronary revascularization	600	4.0%	1,756	6.2%	-2.166	-0.098
Hospitalized heart failure	1,815	12.2%	4,696	16.6%	-4.375	-0.125
Outpatient heart failure	1,842	12.4%	4,342	15.3%	-2.943	-0.085
Other ischemic heart disease	3,038	20.4%	6,612	23.4%	-2.913	-0.070
Hospitalized stroke (past 0-30 days)	146	1.0%	485	1.7%	-0.731	-0.063
Hospitalized stroke (past 31-183 days)	86	0.6%	294	1.0%	-0.460	-0.051
Transient ischemic attack	531	3.6%	1,151	4.1%	-0.493	-0.026
Other medical conditions (falls, fractures,	3,616	24.3%	7,329	25.9%	-1.556	-0.036
syncope, walker use)						
Cardioversion	1,807	12.2%	3,315	11.7%	0.450	0.014
Cardioablation	672	4.5%	1,153	4.1%	0.449	0.022
Hospitalized for bleeding	42	0.3%	170	0.6%	-0.318	-0.048
Medical Product Use						
Estrogen replacement	1,319	8.9%	2,346	8.3%	0.589	0.021
H2-antagonist	464	3.1%	1,088	3.8%	-0.721	-0.039
NSAIDs	2,807	18.9%	5,580	19.7%	-0.822	-0.021
Proton pump inhibitors	3,511	23.6%	7,474	26.4%	-2.775	-0.064
SSRI antidepressants	2,833	19.1%	5,751	20.3%	-1.251	-0.031
Insulin	1,057	7.1%	2,417	8.5%	-1.425	-0.053
Metformin (Biguanide)	2,486	16.7%	4,878	17.2%	-0.502	-0.013
Sulfonylureas	744	5.0%	1,373	4.9%	0.157	0.007
Other diabetes medications	1,100	7.4%	2,504	8.8%	-1.443	-0.053
ACEI/ARB	6,624	44.6%	13,019	46.0%	-1.414	-0.028
Antiarrhythmics	4,514	30.4%	7,935	28.0%	2.347	0.052
Anti-coagulant (injectable)	1,679	11.3%	3,708	13.1%	-1.800	-0.055



Table 1c. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Sex: Female

		Medical	Covariate Balance			
	Rivaroxa	aban Users	Apixal	an Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Anti-platelets	1,211	8.2%	3,056	10.8%	-2.646	-0.090
Beta-blockers	10,412	70.1%	20,291	71.7%	-1.611	-0.035
Calcium channel blockers	5,144	34.6%	10,388	36.7%	-2.079	-0.043
Digoxin	967	6.5%	1,374	4.9%	1.654	0.071
Diuretics (loop)	2,644	17.8%	6,004	21.2%	-3.417	-0.086
Diuretics (potassium sparing)	1,217	8.2%	2,781	9.8%	-1.634	-0.057
Diuretics (thiazide)	3,497	23.5%	6,753	23.9%	-0.322	-0.008
Nitrates	609	4.1%	1,499	5.3%	-1.197	-0.057
Statins	5,382	36.2%	11,429	40.4%	-4.156	-0.086
Fibrates	386	2.6%	745	2.6%	-0.034	-0.002
Amiodarone	1,088	7.3%	2,454	8.7%	-1.347	-0.050
Dronedarone	483	3.3%	626	2.2%	1.039	0.064
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	9,920	66.8%	17,578	62.1%	4.663	0.098
No ED encounters (past 31-183 days)	11,368	76.5%	21,047	74.4%	2.153	0.050
At least 1 ED encounter (past 0-30 days)	4,937	33.2%	10,725	37.9%	-4.663	-0.098
At least 2 ED encounters (past 0-30 days)	1,136	7.6%	2,734	9.7%	-2.014	-0.072
At least 1 ED encounter (past 31-183 days)	3,489	23.5%	7,256	25.6%	-2.153	-0.050
At least 2 ED encounters (past 31-183 days)	1,207	8.1%	2,751	9.7%	-1.596	-0.056

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1d. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Sex: Female

		Medical	Covariate Balance			
	Rivarox	aban Users	Apixal	ban Users		
		Percent/	<u> </u>	Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Weighted patients	14,866	N/A	28,247	N/A	N/A	N/A
Demographic Characteristics						
Age (years)	57.5	6.6	57.6	6.6	-0.063	-0.010
Age						
21-49 years	1,778	12.0%	3,431	12.1%	-0.186	-0.006
50-64 years	13,088	88.0%	24,817	87.9%	0.186	0.006
Sex	44.056	100.00/	20 247	100.00/	0.000	
Female	14,866	100.0%	28,247	100.0%	0.000	-
Male	0	0.0%	0	0.0%	-	-
Race ³	7	0.00/	20	0.40/	0.003	0.020
American Indian or Alaska Native	7	0.0%	39	0.1% 0.2%	-0.092 -0.021	-0.030 -0.005
Asian Black or African American	28 501	0.2% 3.4%	59 1,170	0.2% 4.1%	-0.021 -0.771	-0.003 -0.043
Native Hawaiian or Other Pacific Islander	15	0.1%	1,170 Z	4.1% 0.1%	-0.771	-0.043 -0.001
Unknown	12,056	81.1%	21,925	77.6%	3.483	0.132
White	2,210	14.9%	4,927	17.4%	-2.580	-0.091
Hispanic origin	2,210	21.370	1,327	27.170	2.500	0.031
Yes	70	0.5%	142	0.5%	-0.035	-0.005
No	1,711	11.5%	4,098	14.5%	-2.997	-0.183
Unknown	13,085	88.0%	24,007	85.0%	3.031	0.176
Year						
2010	0	0.0%	0	0.0%	NaN	NaN
2011	7	0.0%	0	0.0%	NaN	NaN
2012	576	3.9%	0	0.0%	NaN	NaN
2013	1,300	8.7%	376	1.3%	7.413	0.344
2014	1,743	11.7%	1,101	3.9%	7.827	0.295
2015	1,630	11.0%	2,065	7.3%	3.652	0.127
2016	1,631	11.0%	2,859	10.1%	0.852	0.028
2017	1,833	12.3%	3,418	12.1%	0.232	0.007
2018	1,761	11.8%	3,952	14.0%	-2.144	-0.064
2019	1,527	10.3%	4,319	15.3%	-5.022	-0.151
2020	1,253	8.4%	4,402	15.6%	-7.157	-0.222
2021	1,361	9.2%	5,111	18.1%	-8.937	-0.263
2022	245	1.6%	644	2.3%	-0.633	-0.046
CHADSVASC	4 73	1.070	U 11	2.3/0	0.033	0.040
mean, std	2.4	1.2	2.5	1.2	-0.020	-0.017
0	0	0.0%	0	0.0%	-	-
1	3,266	22.0%	6,074	21.5%	0.467	0.011
2	5,690	38.3%	10,732	38.0%	0.279	0.006



Table 1d. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Sex: Female

		Medical	Covariate Balance			
	Rivarov	aban Users	Apixaban Users		- Constitute Balance	
	MVGIOX	Percent/	Дрілаі	Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
3	3,102	20.9%	5,964	21.1%	-0.249	-0.006
4	1,867	12.6%	3,622	12.8%	-0.264	-0.008
>= 5	942	6.3%	1,855	6.6%	-0.233	-0.010
HASBLED						
mean, std	1.0	0.8	1.0	0.8	-0.013	-0.016
0	3,530	23.7%	6,570	23.3%	0.485	0.012
1	8,058	54.2%	15,313	54.2%	-0.009	-0.000
2	2,555	17.2%	4,939	17.5%	-0.299	-0.008
>= 3	723	4.9%	1,425	5.0%	-0.177	-0.008
Health Characteristics						
Diabetes	4,241	28.5%	8,216	29.1%	-0.560	-0.013
Hypercholesterolemia	3,735	25.1%	7,177	25.4%	-0.284	-0.007
Hypertension	10,796	72.6%	20,660	73.1%	-0.515	-0.012
Kidney failure (chronic)	930	6.3%	1,831	6.5%	-0.224	-0.009
Kidney failure (acute)	965	6.5%	1,894	6.7%	-0.214	-0.009
Obesity	6,302	42.4%	12,064	42.7%	-0.315	-0.006
Peptic ulcer disease	58	0.4%	120	0.4%	-0.035	-0.006
Nicotine dependency	3,750	25.2%	7,223	25.6%	-0.347	-0.008
Hospitalized AMI (past 31, 193 days)	272 151	1.8%	536 386	1.9%	-0.065 0.006	-0.005 0.001
Hospitalized AMI (past 31-183 days) Coronary revascularization	151 795	1.0% 5.3%	286 1,548	1.0% 5.5%	0.006 -0.132	0.001 -0.006
Hospitalized heart failure	795 2,203	5.3% 14.8%	1,548 4,286	5.5% 15.2%	-0.132 -0.353	-0.006 -0.010
Outpatient heart failure	2,203 2,077	14.8%	4,286 4,086	14.5%	-0.333 -0.495	-0.010
Other ischemic heart disease	3,266	22.0%	6,344	22.5%	-0.495 -0.486	-0.014 -0.012
Hospitalized stroke (past 0-30 days)	212	1.4%	411	1.5%	-0.025	-0.012
Hospitalized stroke (past 0-30 days)	134	0.9%	246	0.9%	0.023	0.002
Transient ischemic attack	579	3.9%	1,099	3.9%	0.002	0.000
Other medical conditions (falls, fractures,	2,3	2.370	_,555	2.373	3.302	2.300
syncope, walker use)	3,742	25.2%	7,186	25.4%	-0.266	-0.006
Cardioversion	1,776	11.9%	3,345	11.8%	0.107	0.003
Cardioablation	627	4.2%	1,194	4.2%	-0.010	-0.001
Hospitalized for bleeding	68	0.5%	122	0.4%	0.026	0.004
Medical Product Use						
Estrogen replacement	1,273	8.6%	2,393	8.5%	0.094	0.003
H2-antagonist	534	3.6%	1,041	3.7%	-0.091	-0.005
NSAIDs	2,870	19.3%	5,506	19.5%	-0.189	-0.005
Proton pump inhibitors	3,743	25.2%	7,234	25.6%	-0.435	-0.010
SSRI antidepressants	2,928	19.7%	5,655	20.0%	-0.324	-0.008
Insulin	1,144	7.7%	2,283	8.1%	-0.384	-0.014
Metformin (Biguanide)	2,513	16.9%	4,835	17.1%	-0.212	-0.006
Sulfonylureas	700	4.7%	1,380	4.9%	-0.182	-0.009
Other diabetes medications	1,227	8.3%	2,360	8.4%	-0.104	-0.004



Table 1d. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Sex: Female

		Medical		Covariate Balance		
	Rivaroxa	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
ACEI/ARB	6,746	45.4%	12,898	45.7%	-0.285	-0.006
Antiarrhythmics	4,302	28.9%	8,146	28.8%	0.103	0.002
Anti-coagulant (injectable)	1,826	12.3%	3,544	12.5%	-0.263	-0.008
Anti-platelets	1,471	9.9%	2,802	9.9%	-0.026	-0.001
Beta-blockers	10,557	71.0%	20,107	71.2%	-0.165	-0.004
Calcium channel blockers	5,311	35.7%	10,185	36.1%	-0.333	-0.007
Digoxin	801	5.4%	1,542	5.5%	-0.067	-0.003
Diuretics (loop)	2,928	19.7%	5,712	20.2%	-0.523	-0.013
Diuretics (potassium sparing)	1,376	9.3%	2,626	9.3%	-0.039	-0.001
Diuretics (thiazide)	3,528	23.7%	6,722	23.8%	-0.065	-0.002
Nitrates	715	4.8%	1,398	4.9%	-0.139	-0.006
Statins	5,699	38.3%	11,038	39.1%	-0.741	-0.015
Fibrates	385	2.6%	744	2.6%	-0.043	-0.003
Amiodarone	1,206	8.1%	2,317	8.2%	-0.091	-0.003
Dronedarone	383	2.6%	721	2.6%	0.024	0.002
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	9,487	63.8%	18,009	63.8%	0.061	0.001
No ED encounters (past 31-183 days)	11,192	75.3%	21,195	75.0%	0.253	0.006
At least 1 ED encounter (past 0-30 days)	5,379	36.2%	10,238	36.2%	-0.061	-0.001
At least 2 ED encounters (past 0-30 days)	1,304	8.8%	2,538	9.0%	-0.214	-0.008
At least 1 ED encounter (past 31-183 days)	3,674	24.7%	7,052	25.0%	-0.253	-0.006
At least 2 ED encounters (past 31-183 days)	1,346	9.1%	2,614	9.3%	-0.201	-0.007

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1e. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Sex: Male

	.,	Medical Product			Covariate Balance	
	Pivarov	aban Users		ban Users	Covaria	ic balance
	Rivarox	Percent/	Аріхаі	Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Unique patients	43,068	100.0%	67,715	100.0%	N/A	N/A
Demographic Characteristics	2,222		,		,	,
Age (years)	55.9	7.6	56.5	7.3	-0.644	-0.087
Age						
21-49 years	7,910	18.4%	11,124	16.4%	1.939	0.051
50-64 years	35,158	81.6%	56,591	83.6%	-1.939	-0.051
Sex						
Female	0	0.0%	0	0.0%	-	-
Male	43,068	100.0%	67,715	100.0%	0.000	-
Race ³						
American Indian or Alaska Native	23	0.1%	42	0.1%	-0.009	-0.004
Asian	84	0.2%	140	0.2%	-0.012	-0.003
Black or African American	745	1.7%	1,587	2.3%	-0.614	-0.043
Native Hawaiian or Other Pacific Islander	31	0.1%	Z	0.1%	-0.011	-0.004
Unknown	36,765	85.4%	55,395	81.8%	3.559	0.096
White	5,257	12.2%	10,208	15.1%	-2.869	-0.084
Hispanic origin		/				
Yes	216	0.5%	379	0.6%	-0.058	-0.008
No	3,154	7.3%	7,008	10.3%	-3.026	-0.107
Unknown	39,698	92.2%	60,328	89.1%	3.084	0.106
Year						
2010	0	0.0%	0	0.0%	NaN	NaN
2011	42	0.1%	0	0.0%	NaN	NaN
2012	2,124	4.9%	0	0.0%	NaN	NaN
2013	4,509	10.5%	1,045	1.5%	8.926	0.382
2014	5,593	13.0%	2,747	4.1%	8.930	0.324
2015	5,027	11.7%	4,898	7.2%	4.439	0.152
2016	4,822	11.2%	6,643	9.8%	1.386	0.045
2017	4,869	11.3%	8,032	11.9%	-0.556	-0.017
2018	4,576	10.6%	9,150	13.5%	-2.887	-0.089
2019	4,027	9.4%	10,598	15.7%	-6.301	-0.191
2020	3,336	7.7%	10,842	16.0%	-8.265	-0.258
2021	3,542	8.2%	12,165	18.0%	-9.741	-0.292
2022	601	1.4%	1,595	2.4%	-0.960	-0.071
CHADSVASC						
mean, std	1.3	1.1	1.5	1.2	-0.230	-0.203
0	10,764	25.0%	13,941	20.6%	4.405	0.105
1	16,867	39.2%	24,218	35.8%	3.399	0.070
2	9,281	21.5%	15,125	22.3%	-0.787	-0.019
3	4,404	10.2%	9,566	14.1%	-3.901	-0.120
4	1,500	3.5%	4,147	6.1%	-2.641	-0.124



Table 1e. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Sex: Male

		Medical Product			Covariate Balance		
	Rivarox	aban Users	Apixal	oan Users			
		Percent/		Percent/			
	Number/	Standard	Number/	Standard	Absolute	Standardized	
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference	
>= 5	252	0.6%	718	1.1%	-0.475	-0.053	
HASBLED		5.5,1		,			
mean, std	0.9	0.7	1.1	0.8	-0.146	-0.190	
0	11,753	27.3%	15,368	22.7%	4.594	0.106	
1	24,080	55.9%	36,385	53.7%	2.179	0.044	
2	5,886	13.7%	11,948	17.6%	-3.978	-0.110	
>= 3	1,349	3.1%	4,014	5.9%	-2.796	-0.135	
Health Characteristics			,				
Diabetes	10,989	25.5%	19,912	29.4%	-3.890	-0.087	
Hypercholesterolemia	11,342	26.3%	19,396	28.6%	-2.308	-0.052	
Hypertension	30,093	69.9%	50,305	74.3%	-4.416	-0.099	
Kidney failure (chronic)	2,014	4.7%	5,802	8.6%	-3.892	-0.157	
Kidney failure (acute)	2,156	5.0%	6,879	10.2%	-5.153	-0.196	
Obesity	13,435	31.2%	25,737	38.0%	-6.813	-0.144	
Peptic ulcer disease	94	0.2%	257	0.4%	-0.161	-0.030	
Nicotine dependency	10,099	23.4%	19,668	29.0%	-5.596	-0.127	
Hospitalized AMI (past 0-30 days)	700	1.6%	2,008	3.0%	-1.340	-0.090	
Hospitalized AMI (past 31-183 days)	364	0.8%	974	1.4%	-0.593	-0.056	
Coronary revascularization	3,260	7.6%	7,652	11.3%	-3.731	-0.128	
Hospitalized heart failure	5,496	12.8%	12,271	18.1%	-5.360	-0.149	
Outpatient heart failure	5,662	13.1%	11,483	17.0%	-3.811	-0.107	
Other ischemic heart disease	11,478	26.7%	21,202	31.3%	-4.660	-0.103	
Hospitalized stroke (past 0-30 days)	413	1.0%	954	1.4%	-0.450	-0.042	
Hospitalized stroke (past 31-183 days)	201	0.5%	570	0.8%	-0.375	-0.047	
Transient ischemic attack	1,142	2.7%	2,052	3.0%	-0.379	-0.023	
Other medical conditions (falls, fractures,	10,857	25.2%	18,205	26.9%	-1.676	-0.038	
syncope, walker use)							
Cardioversion	7,569	17.6%	11,834	17.5%	0.098	0.003	
Cardioablation	1,995	4.6%	3,016	4.5%	0.178	0.009	
Hospitalized for bleeding	133	0.3%	322	0.5%	-0.167	-0.027	
Medical Product Use							
Estrogen replacement	5	0.0%	13	0.0%	-0.008	-0.006	
H2-antagonist	788	1.8%	1,689	2.5%	-0.665	-0.046	
NSAIDs	6,263	14.5%	10,209	15.1%	-0.534	-0.015	
Proton pump inhibitors	7,421	17.2%	13,390	19.8%	-2.543	-0.066	
SSRI antidepressants	3,704	8.6%	6,509	9.6%	-1.012	-0.035	
Insulin	2,544	5.9%	5,271	7.8%	-1.877	-0.074	
Metformin (Biguanide)	6,823	15.8%	12,246	18.1%	-2.242	-0.060	
Sulfonylureas	2,361	5.5%	3,795	5.6%	-0.122	-0.005	
Other diabetes medications	3,038	7.1%	6,077	9.0%	-1.920	-0.071	
ACEI/ARB	21,588	50.1%	36,015	53.2%	-3.061	-0.061	
Antiarrhythmics	12,493	29.0%	18,848	27.8%	1.173	0.026	
Anti-coagulant (injectable)	4,409	10.2%	8,048	11.9%	-1.648	-0.053	



Table 1e. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Sex: Male

		Medical	Covariate Balance			
	Rivaroxa	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Anti-platelets	4,464	10.4%	9,744	14.4%	-4.025	-0.122
Beta-blockers	29,848	69.3%	49,159	72.6%	-3.293	-0.073
Calcium channel blockers	14,599	33.9%	23,995	35.4%	-1.538	-0.032
Digoxin	2,983	6.9%	3,752	5.5%	1.385	0.057
Diuretics (loop)	6,558	15.2%	13,197	19.5%	-4.262	-0.113
Diuretics (potassium sparing)	2,889	6.7%	5,681	8.4%	-1.682	-0.064
Diuretics (thiazide)	7,954	18.5%	13,024	19.2%	-0.765	-0.020
Nitrates	1,964	4.6%	4,307	6.4%	-1.800	-0.079
Statins	18,517	43.0%	32,504	48.0%	-5.006	-0.101
Fibrates	1,862	4.3%	3,017	4.5%	-0.132	-0.006
Amiodarone	4,146	9.6%	7,883	11.6%	-2.015	-0.065
Dronedarone	1,299	3.0%	1,489	2.2%	0.817	0.051
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	30,582	71.0%	44,840	66.2%	4.790	0.103
No ED encounters (past 31-183 days)	35,860	83.3%	54,296	80.2%	3.081	0.080
At least 1 ED encounter (past 0-30 days)	12,486	29.0%	22,875	33.8%	-4.790	-0.103
At least 2 ED encounters (past 0-30 days)	2,587	6.0%	5,307	7.8%	-1.830	-0.072
At least 1 ED encounter (past 31-183 days)	7,208	16.7%	13,419	19.8%	-3.081	-0.080
At least 2 ED encounters (past 31-183 days)	2,165	5.0%	4,475	6.6%	-1.582	-0.068

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1f. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Sex: Male

		Medical Product			Covariate Balance	
	Rivarox	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Weighted patients	43,110	N/A	67,675	N/A	N/A	N/A
Demographic Characteristics						
Age (years)	56.2	7.3	56.3	7.5	-0.070	-0.009
Age				.=		
21-49 years	7,347	17.0%	11,756	17.4%	-0.327	-0.009
50-64 years Sex	35,762	83.0%	55,919	82.6%	0.327	0.009
Female	0	0.0%	0	0.0%	_	_
Male	43,110	100.0%	67,675	100.0%	0.000	-
Race ³	.0,220	200.075	0.,0.0	200.070	0.000	
American Indian or Alaska Native	23	0.1%	42	0.1%	-0.008	-0.003
Asian	77	0.2%	145	0.2%	-0.034	-0.008
Black or African American	811	1.9%	1,498	2.2%	-0.332	-0.024
Native Hawaiian or Other Pacific Islander	32	0.1%	Z	0.1%	-0.006	-0.002
Unknown	36,544	84.8%	55,608	82.2%	2.600	0.099
White	5,460	12.7%	10,044	14.8%	-2.175	-0.081
Hispanic origin						
Yes	223	0.5%	369	0.5%	-0.029	-0.004
No	3,348	7.8%	6,818	10.1%	-2.309	-0.144
Unknown	39,539	91.7%	60,488	89.4%	2.338	0.137
Year						
2010	0	0.0%	0	0.0%	NaN	NaN
2011	37	0.1%	0	0.0%	NaN	NaN
2012	1,919	4.5%	0	0.0%	NaN	NaN
2013	4,200	9.7%	1,135	1.7%	8.066	0.353
2014	5,311	12.3%	2,936	4.3%	7.982	0.292
2015	4,865	11.3%	5,125	7.6%	3.712	0.127
2016	4,810	11.2%	6,768	10.0%	1.156	0.038
2017	5,014	11.6%	8,103	12.0%	-0.344	-0.011
2018	4,768	11.1%	9,126	13.5%	-2.425	-0.074
2019	4,229	9.8%	10,416	15.4%	-5.582	-0.169
2020	3,554	8.2%	10,638	15.7%	-7.474	-0.232
2021	3,756	8.7%	11,874	17.5%	-8.834	-0.264
2022	648		•	2.3%		
CHADSVASC	040	1.5%	1,554	2.370	-0.794	-0.058
mean, std	1.4	1.1	1.4	1.2	-0.018	-0.015
0	9,714	22.5%	14,996	22.2%	0.375	0.009
1	16,030	37.2%	25,022	37.0%	0.210	0.004
2	9,471	22.0%	14,949	22.1%	-0.121	-0.003
3	5,378	12.5%	8,596	12.7%	-0.228	-0.007

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Table 1f. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Sex: Male

		Medical	Covariate Balance			
	Rivarox	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
4	2,142	5.0%	3,510	5.2%	-0.217	-0.010
>= 5	375	0.9%	602	0.9%	-0.020	-0.002
HASBLED						
mean, std	1.0	0.8	1.0	0.8	-0.010	-0.013
0	10,653	24.7%	16,468	24.3%	0.378	0.009
1	23,516	54.5%	36,932	54.6%	-0.023	-0.000
2	6,886	16.0%	10,971	16.2%	-0.238	-0.006
>= 3	2,054	4.8%	3,304	4.9%	-0.117	-0.006
Health Characteristics						
Diabetes	11,861	27.5%	19,006	28.1%	-0.571	-0.013
Hypercholesterolemia	11,871	27.5%	18,782	27.8%	-0.216	-0.005
Hypertension	31,185	72.3%	49,221	72.7%	-0.392	-0.009
Kidney failure (chronic)	2,997	7.0%	4,839	7.2%	-0.198	-0.008
Kidney failure (acute)	3,501	8.1%	5,564	8.2%	-0.101	-0.004
Obesity	15,163	35.2%	24,032	35.5%	-0.339	-0.007
Peptic ulcer disease	138	0.3%	216	0.3%	0.001	0.000
Nicotine dependency	11,508	26.7%	18,330	27.1%	-0.392	-0.009
Hospitalized AMI (past 0-30 days)	1,016	2.4%	1,658	2.5%	-0.094	-0.006
Hospitalized AMI (past 31-183 days)	524	1.2%	829	1.2%	-0.011	-0.001
Coronary revascularization	4,191	9.7%	6,729	9.9%	-0.222	-0.007
Hospitalized heart failure	6,836	15.9%	10,943	16.2%	-0.313	-0.009
Outpatient heart failure	6,591	15.3%	10,626	15.7%	-0.413	-0.012
Other ischemic heart disease	12,628	29.3%	20,103	29.7%	-0.413	-0.009
Hospitalized stroke (past 0-30 days)	530	1.2%	835	1.2%	-0.004	-0.000
Hospitalized stroke (past 31-183 days)	307	0.7%	473	0.7%	0.014	0.002
Transient ischemic attack	1,252	2.9%	1,960	2.9%	0.008	0.000
Other medical conditions (falls, fractures,	11,316	26.3%	17,820	26.3%	-0.081	-0.002
syncope, walker use)						
Cardioversion	7,576	17.6%	11,831	17.5%	0.091	0.002
Cardioablation	1,968	4.6%	3,065	4.5%	0.035	0.002
Hospitalized for bleeding	187	0.4%	280	0.4%	0.021	0.003
Medical Product Use						
Estrogen replacement	6	0.0%	11	0.0%	-0.001	-0.001
H2-antagonist	960	2.2%	1,551	2.3%	-0.065	-0.004
NSAIDs	6,398	14.8%	10,101	14.9%	-0.085	-0.002
Proton pump inhibitors	7,994	18.5%	12,802	18.9%	-0.374	-0.010
SSRI antidepressants	3,954	9.2%	6,313	9.3%	-0.155	-0.005
Insulin	2,971	6.9%	4,822	7.1%	-0.234	-0.009
Metformin (Biguanide)	7,335	17.0%	11,706	17.3%	-0.281	-0.007
Sulfonylureas	2,341	5.4%	3,783	5.6%	-0.159	-0.007
Other diabetes medications	3,483	8.1%	5,572	8.2%	-0.155	-0.006
ACEI/ARB	22,381	51.9%	35,305	52.2%	-0.252	-0.005

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Table 1f. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Sex: Male

		Medical	Covariate Balance			
	Rivaroxa	aban Users	Apixaban Users			
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Antiarrhythmics	12,162	28.2%	19,157	28.3%	-0.096	-0.002
Anti-coagulant (injectable)	4,860	11.3%	7,640	11.3%	-0.016	-0.001
Anti-platelets	5,511	12.8%	8,724	12.9%	-0.108	-0.003
Beta-blockers	30,681	71.2%	48,313	71.4%	-0.220	-0.005
Calcium channel blockers	14,995	34.8%	23,604	34.9%	-0.095	-0.002
Digoxin	2,590	6.0%	4,131	6.1%	-0.097	-0.004
Diuretics (loop)	7,572	17.6%	12,203	18.0%	-0.468	-0.012
Diuretics (potassium sparing)	3,303	7.7%	5,283	7.8%	-0.144	-0.005
Diuretics (thiazide)	8,120	18.8%	12,840	19.0%	-0.138	-0.004
Nitrates	2,401	5.6%	3,891	5.7%	-0.181	-0.008
Statins	19,744	45.8%	31,268	46.2%	-0.402	-0.008
Fibrates	1,861	4.3%	2,987	4.4%	-0.096	-0.005
Amiodarone	4,609	10.7%	7,367	10.9%	-0.194	-0.006
Dronedarone	1,092	2.5%	1,698	2.5%	0.024	0.002
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	29,380	68.2%	46,060	68.1%	0.093	0.002
No ED encounters (past 31-183 days)	35,073	81.4%	54,949	81.2%	0.163	0.004
At least 1 ED encounter (past 0-30 days)	13,729	31.8%	21,615	31.9%	-0.093	-0.002
At least 2 ED encounters (past 0-30 days)	3,051	7.1%	4,835	7.1%	-0.068	-0.003
At least 1 ED encounter (past 31-183 days)	8,036	18.6%	12,726	18.8%	-0.163	-0.004
At least 2 ED encounters (past 31-183 days)	2,562	5.9%	4,128	6.1%	-0.157	-0.007

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

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 $^{^2\}mbox{\sc Value}$ represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin receptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1g. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Age Group: 21-49 years

	Medical Product		Covariate Balance			
	Rivarox	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Unique patients	9,854	100.0%	14,408	100.0%	N/A	N/A
Demographic Characteristics						
Age (years)	43.0	6.2	43.4	6.0	-0.328	-0.054
Age						
21-49 years	9,854	100.0%	14,408	100.0%	0.000	-
50-64 years	0	0.0%	0	0.0%	-	-
Sex						
Female	1,944	19.7%	3,284	22.8%	-3.065	-0.075
Male	7,910	80.3%	11,124	77.2%	3.065	0.075
Race ³						
American Indian or Alaska Native	4	0.0%	9	0.1%	-0.022	-0.010
Asian	26	0.3%	40	0.3%	-0.014	-0.003
Black or African American	198	2.0%	372	2.6%	-0.573	-0.038
Native Hawaiian or Other Pacific Islander	5	0.1%	Z	0.1%	-0.005	-0.002
Unknown	8,801	89.3%	12,581	87.3%	1.994	0.062
White	767	7.8%	1,334	9.3%	-1.475	-0.053
Hispanic origin	00	4.00/	442	0.00/	0.220	0.022
Yes	99 382	1.0%	113	0.8%	0.220	0.023
No Unknown		3.9% 95.1%	770	5.3% 93.9%	-1.468 1.247	-0.070 0.055
	9,373	95.1%	13,525	93.9%	1.247	0.055
Year	_					
2010	0	0.0%	0	0.0%	NaN	NaN
2011	6	0.1%	0	0.0%	NaN	NaN
2012	487	4.9%	0	0.0%	NaN	NaN
2013	1,008	10.2%	221	1.5%	8.695	0.376
2014	1,228	12.5%	542	3.8%	8.700	0.323
2015	1,207	12.2%	986	6.8%	5.405	0.185
2016	1,107	11.2%	1,356	9.4%	1.823	0.060
2017	1,098	11.1%	1,693	11.8%	-0.608	-0.019
2018						
	1,064	10.8%	2,044	14.2%	-3.389	-0.103
2019	931	9.4%	2,298	15.9%	-6.502	-0.196
2020	777	7.9%	2,335	16.2%	-8.321	-0.258
2021	806	8.2%	2,599	18.0%	-9.859	-0.295
2022	135	1.4%	334	2.3%	-0.948	-0.071
CHADSVASC						
mean, std	1.2	1.1	1.4	1.2	-0.204	-0.174
0	3,063	31.1%	3,798	26.4%	4.723	0.105
1	3,552	36.0%	4,956	34.4%	1.649	0.035
2	1,976	20.1%	3,067	21.3%	-1.234	-0.030
3	871	8.8%	1,598	11.1%	-2.252	-0.075
4	316	3.2%	749	5.2%	-1.992	-0.099



Table 1g. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Age Group: 21-49 years

		Medical Product			Covariate Balance		
	Rivarox	aban Users	Apixal	oan Users			
		Percent/		Percent/			
	Number/	Standard	Number/	Standard	Absolute	Standardized	
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference	
>= 5	76	0.8%	240	1.7%	-0.894	-0.082	
HASBLED							
mean, std	0.7	0.7	0.9	0.8	-0.111	-0.144	
0	4,000	40.6%	5,183	36.0%	4.620	0.095	
1	4,549	46.2%	6,667	46.3%	-0.109	-0.002	
2	1,101	11.2%	2,020	14.0%	-2.847	-0.086	
>= 3	204	2.1%	538	3.7%	-1.664	-0.099	
Health Characteristics							
Diabetes	1,700	17.3%	2,891	20.1%	-2.813	-0.072	
Hypercholesterolemia	1,545	15.7%	2,392	16.6%	-0.923	-0.025	
Hypertension	5,426	55.1%	8,474	58.8%	-3.751	-0.076	
Kidney failure (chronic)	263	2.7%	746	5.2%	-2.509	-0.129	
Kidney failure (acute)	428	4.3%	1,114	7.7%	-3.388	-0.143	
Obesity	3,509	35.6%	6,127	42.5%	-6.915	-0.142	
Peptic ulcer disease	14	0.1%	39	0.3%	-0.129	-0.028	
Nicotine dependency	2,337	23.7%	3,895	27.0%	-3.317	-0.076	
Hospitalized AMI (past 0-30 days)	118	1.2%	276	1.9%	-0.718	-0.058	
Hospitalized AMI (past 31-183 days)	56	0.6%	110	0.8%	-0.195	-0.024	
Coronary revascularization	261	2.6%	593	4.1%	-1.467	-0.081	
Hospitalized heart failure	1,132	11.5%	2,232	15.5%	-4.004	-0.117	
Outpatient heart failure	1,002	10.2%	1,929	13.4%	-3.220	-0.100	
Other ischemic heart disease	1,417	14.4%	2,413	16.7%	-2.368	-0.065	
Hospitalized stroke (past 0-30 days)	77	0.8%	171	1.2%	-0.405	-0.041	
Hospitalized stroke (past 31-183 days)	44	0.4%	104	0.7%	-0.275	-0.036	
Transient ischemic attack	219	2.2%	420	2.9%	-0.693	-0.044	
Other medical conditions (falls, fractures,	2,823	28.6%	4,156	28.8%	-0.197	-0.004	
syncope, walker use)							
Cardioversion	2,127	21.6%	3,006	20.9%	0.722	0.018	
Cardioablation	707	7.2%	963	6.7%	0.491	0.019	
Hospitalized for bleeding	23	0.2%	58	0.4%	-0.169	-0.030	
Medical Product Use							
Estrogen replacement	205	2.1%	305	2.1%	-0.037	-0.003	
H2-antagonist	166	1.7%	309	2.1%	-0.460	-0.034	
NSAIDs	1,380	14.0%	2,037	14.1%	-0.134	-0.004	
Proton pump inhibitors	1,592	16.2%	2,501	17.4%	-1.203	-0.032	
SSRI antidepressants	1,009	10.2%	1,596	11.1%	-0.838	-0.027	
Insulin	383	3.9%	766	5.3%	-1.430	-0.068	
Metformin (Biguanide)	1,050	10.7%	1,710	11.9%	-1.213	-0.038	
Sulfonylureas	285	2.9%	433	3.0%	-0.113	-0.007	
Other diabetes medications	434	4.4%	814	5.6%	-1.245	-0.057	
ACEI/ARB	3,577	36.3%	5,503	38.2%	-1.894	-0.039	
Antiarrhythmics	3,118	31.6%	4,228	29.3%	2.297	0.050	
Anti-coagulant (injectable)	1,247	12.7%	1,968	13.7%	-1.004	-0.030	



Table 1g. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Age Group: 21-49 years

	Medical Product				Covariate Balance	
	Rivaroxa	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Anti-platelets	572	5.8%	1,272	8.8%	-3.024	-0.116
Beta-blockers	6,520	66.2%	9,912	68.8%	-2.629	-0.056
Calcium channel blockers	2,959	30.0%	4,556	31.6%	-1.593	-0.035
Digoxin	596	6.0%	699	4.9%	1.197	0.053
Diuretics (loop)	1,169	11.9%	2,193	15.2%	-3.358	-0.098
Diuretics (potassium sparing)	596	6.0%	1,155	8.0%	-1.968	-0.077
Diuretics (thiazide)	1,284	13.0%	2,033	14.1%	-1.080	-0.032
Nitrates	209	2.1%	474	3.3%	-1.169	-0.072
Statins	2,185	22.2%	3,643	25.3%	-3.111	-0.073
Fibrates	261	2.6%	346	2.4%	0.247	0.016
Amiodarone	769	7.8%	1,263	8.8%	-0.962	-0.035
Dronedarone	320	3.2%	320	2.2%	1.026	0.063
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	6,128	62.2%	8,480	58.9%	3.332	0.068
No ED encounters (past 31-183 days)	7,717	78.3%	10,908	75.7%	2.605	0.062
At least 1 ED encounter (past 0-30 days)	3,726	37.8%	5,928	41.1%	-3.332	-0.068
At least 2 ED encounters (past 0-30 days)	750	7.6%	1,330	9.2%	-1.620	-0.058
At least 1 ED encounter (past 31-183 days)	2,137	21.7%	3,500	24.3%	-2.605	-0.062
At least 2 ED encounters (past 31-183 days)	679	6.9%	1,233	8.6%	-1.667	-0.062

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1h. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Age Group: 21-49 years

		Medical Product			Covariate Balance	
	Rivarox	aban Users	Apixal	ban Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Weighted patients	9,867	N/A	14,333	N/A	N/A	N/A
Demographic Characteristics						
Age (years)	43.2	6.0	43.2	6.1	0.001	0.000
Age						
21-49 years	9,867	100.0%	14,333	100.0%	0.000	-
50-64 years	0	0.0%	0	0.0%	-	-
Sex	2.442	24.40/	2.072	24 40/	0.020	0.004
Female	2,112	21.4%	3,073	21.4%	-0.038 0.038	-0.001 0.001
Male Race ³	7,755	78.6%	11,260	78.6%	0.038	0.001
American Indian or Alaska Native	4	0.0%	8	0.1%	-0.021	-0.010
Asian	4 24	0.0%	40	0.1%	-0.021	-0.010
Black or African American	218	2.2%	337	2.3%	-0.033	-0.007
Native Hawaiian or Other Pacific Islander	6	0.1%	2 Z	0.1%	0.001	0.000
Unknown	8,780	89.0%	12,556	87.6%	1.384	0.055
White	781	7.9%	1,321	9.2%	-1.301	-0.054
Hispanic origin			,			
Yes	97	1.0%	108	0.8%	0.226	0.025
No	421	4.3%	736	5.1%	-0.868	-0.060
Unknown	9,349	94.8%	13,489	94.1%	0.641	0.038
Year						
2010	0	0.0%	0	0.0%	NaN	NaN
2011	6	0.1%	0	0.0%	NaN	NaN
2012	447	4.5%	0	0.0%	NaN	NaN
2013	943	9.6%	236	1.6%	7.904	0.349
2014	1,177	11.9%	566	3.9%	7.981	0.299
2015				7.1%		0.233
	1,172	11.9%	1,019		4.774	
2016	1,109	11.2%	1,375	9.6%	1.642	0.054
2017	1,124	11.4%	1,697	11.8%	-0.448	-0.014
2018	1,107	11.2%	2,032	14.2%	-2.951	-0.089
2019	964	9.8%	2,250	15.7%	-5.924	-0.179
2020	825	8.4%	2,297	16.0%	-7.662	-0.236
2021	851	8.6%	2,536	17.7%	-9.073	-0.271
2022	142	1.4%	326	2.3%	-0.832	-0.062
CHADSVASC						
mean, std	1.3	1.2	1.3	1.2	-0.000	-0.000
0	2,804	28.4%	4,053	28.3%	0.138	0.003
1	3,467	35.1%	5,046	35.2%	-0.067	-0.001
2	2,044	20.7%	2,986	20.8%	-0.118	-0.003



Table 1h. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Age Group: 21-49 years

		Medical	Covariate Balance			
	Rivarox	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
3	995	10.1%	1,453	10.1%	-0.057	-0.002
4	430	4.4%	627	4.4%	-0.013	-0.001
>= 5	127	1.3%	168	1.2%	0.118	0.011
HASBLED						
mean, std	0.8	0.8	0.8	0.8	0.000	0.000
0	3,749	38.0%	5,429	37.9%	0.122	0.003
1	4,548	46.1%	6,645	46.4%	-0.261	-0.005
2	1,272	12.9%	1,837	12.8%	0.079	0.002
>= 3	297	3.0%	423	2.9%	0.061	0.004
Health Characteristics Diabetes	1,851	18.8%	2,694	18.8%	-0.035	-0.001
Hypercholesterolemia	1,651	16.1%	2,694	16.1%	0.008	0.001
Hypertension	5,635	57.1%	2,312 8,205	57.2%	-0.130	-0.003
Kidney failure (chronic)	399	4.0%	566	4.0%	0.096	0.005
Kidney failure (acute)	619	6.3%	885	6.2%	0.097	0.004
Obesity	3,915	39.7%	5,686	39.7%	0.006	0.000
Peptic ulcer disease	20	0.2%	28	0.2%	0.006	0.001
Nicotine dependency	2,558	25.9%	3,694	25.8%	0.151	0.003
Hospitalized AMI (past 0-30 days)	, 159	1.6%	229	1.6%	0.015	0.001
Hospitalized AMI (past 31-183 days)	69	0.7%	98	0.7%	0.018	0.002
Coronary revascularization	349	3.5%	495	3.5%	0.079	0.004
Hospitalized heart failure	1,361	13.8%	1,969	13.7%	0.052	0.002
Outpatient heart failure	1,195	12.1%	1,714	12.0%	0.147	0.005
Other ischemic heart disease	1,553	15.7%	2,250	15.7%	0.042	0.001
Hospitalized stroke (past 0-30 days)	98	1.0%	146	1.0%	-0.021	-0.002
Hospitalized stroke (past 31-183 days)	60	0.6%	84	0.6%	0.022	0.003
Transient ischemic attack	260	2.6%	374	2.6%	0.033	0.002
Other medical conditions (falls, fractures,	2,852	28.9%	4,125	28.8%	0.118	0.003
syncope, walker use)						
Cardioversion	2,088	21.2%	3,032	21.2%	0.010	0.000
Cardioablation	678	6.9%	989	6.9%	-0.024	-0.001
Hospitalized for bleeding	31	0.3%	46	0.3%	-0.004	-0.001
Medical Product Use	202	2 10/	200	2 10/	0.027	0.002
Estrogen replacement H2-antagonist	203 186	2.1% 1.9%	299 281	2.1% 2.0%	-0.027 -0.075	-0.002 -0.006
NSAIDs	1,382	1.9% 14.0%	2,019	2.0% 14.1%	-0.075 -0.077	-0.006
Proton pump inhibitors	1,582 1,670	16.9%	2,019 2,416	14.1%	0.067	0.002
SSRI antidepressants	1,070	10.9%	2,410 1,549	10.9%	-0.056	-0.002
Insulin	451	4.6%	658	4.6%	-0.030	-0.002
Metformin (Biguanide)	1,112	11.3%	1,621	11.3%	-0.019	-0.001
Sulfonylureas	288	2.9%	420	2.9%	-0.005	-0.000
Other diabetes medications	498	5.0%	724	5.1%	-0.003	-0.000
5 51 MINDELES ITTENIONIS	450	3.070	, ∠-т	J.170	0.000	0.000



Table 1h. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Age Group: 21-49 years

		Medical	Covariate Balance			
	Rivaroxa	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
ACEI/ARB	3,691	37.4%	5,361	37.4%	0.001	0.000
Antiarrhythmics	2,994	30.3%	4,339	30.3%	0.064	0.001
Anti-coagulant (injectable)	1,301	13.2%	1,908	13.3%	-0.126	-0.004
Anti-platelets	746	7.6%	1,070	7.5%	0.089	0.003
Beta-blockers	6,690	67.8%	9,708	67.7%	0.075	0.002
Calcium channel blockers	3,069	31.1%	4,440	31.0%	0.125	0.003
Digoxin	513	5.2%	763	5.3%	-0.128	-0.006
Diuretics (loop)	1,344	13.6%	1,968	13.7%	-0.110	-0.003
Diuretics (potassium sparing)	700	7.1%	1,025	7.2%	-0.051	-0.002
Diuretics (thiazide)	1,355	13.7%	1,962	13.7%	0.050	0.001
Nitrates	285	2.9%	399	2.8%	0.104	0.006
Statins	2,367	24.0%	3,426	23.9%	0.087	0.002
Fibrates	239	2.4%	354	2.5%	-0.046	-0.003
Amiodarone	825	8.4%	1,192	8.3%	0.040	0.001
Dronedarone	256	2.6%	374	2.6%	-0.019	-0.001
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	5,901	59.8%	8,669	60.5%	-0.670	-0.014
No ED encounters (past 31-183 days)	7,549	76.5%	11,006	76.8%	-0.284	-0.007
At least 1 ED encounter (past 0-30 days)	3,966	40.2%	5,664	39.5%	0.670	0.014
At least 2 ED encounters (past 0-30 days)	867	8.8%	1,211	8.4%	0.337	0.012
At least 1 ED encounter (past 31-183 days)	2,318	23.5%	3,327	23.2%	0.284	0.007
At least 2 ED encounters (past 31-183 days)	801	8.1%	1,129	7.9%	0.235	0.009

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1i. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Age Group: 50-64 years

		Medical	Covaria	te Balance		
	Rivarox	aban Users	Apixal	oan Users	an Users	
	111101101	Percent/	7.01.00	Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Unique patients	48,071	100.0%	81,610	100.0%	N/A	N/A
Demographic Characteristics			·			
Age (years)	59.0	4.0	59.3	4.0	-0.334	-0.084
Age						
21-49 years	0	0.0%	0	0.0%	-	-
50-64 years	48,071	100.0%	81,610	100.0%	0.000	-
Sex						
Female	12,913	26.9%	25,019	30.7%	-3.794	-0.084
Male	35,158	73.1%	56,591	69.3%	3.794	0.084
Race ³						
American Indian or Alaska Native	26	0.1%	74	0.1%	-0.037	-0.014
Asian	86	0.2%	156	0.2%	-0.012	-0.003
Black or African American	1,018	2.1%	2,430	3.0%	-0.860	-0.055
Native Hawaiian or Other Pacific Islander	41	0.1%	Z	0.1%	-0.009	-0.003
Unknown	40,123	83.5%	64,691	79.3%	4.198	0.108
White	6,617	13.8%	13,861	17.0%	-3.219	-0.089
Hispanic origin	100	0.40/	407	0.50/	0.102	0.016
Yes	190 4,412	0.4% 9.2%	407	0.5% 12.8%	-0.103	-0.016 -0.115
No Unknown	4,412 43,469	9.2%	10,417 70,786	12.8% 86.7%	-3.586 3.690	-0.115 0.116
	43,409	90.4%	70,780	00.7%	3.090	0.116
Year	_	/	_			
2010	0	0.0%	0	0.0%	NaN	NaN
2011	44	0.1%	0	0.0%	NaN	NaN
2012	2,287	4.8%	0	0.0%	NaN	NaN
2013	4,905	10.2%	1,176	1.4%	8.763	0.381
2014	6,203	12.9%	3,252	4.0%	8.919	0.325
2015	5,511	11.5%	5,885	7.2%	4.253	0.147
2016	5,348	11.1%	8,100	9.9%	1.200	0.039
2017	5,547	11.5%	9,737	11.9%	-0.392	-0.012
2018	5,232	10.9%	11,068	13.6%	-2.678	-0.082
2019	4,542	9.4%	12,670	15.5%	-6.077	-0.185
2020	3,746	7.8%	13,005	15.9%	-8.143	-0.254
2021	4,014	8.4%	14,793	18.1%	-9.776	-0.292
2022	692	1.4%	1,924	2.4%	-0.918	-0.067
CHADSVASC						
mean, std	1.6	1.2	1.9	1.3	-0.254	-0.208
0	7,701	16.0%	10,143	12.4%	3.591	0.103
1	16,778	34.9%	25,128	30.8%	4.112	0.088
2	13,219	27.5%	22,574	27.7%	-0.162	-0.004
3	6,739	14.0%	13,846	17.0%	-2.947	-0.082
4	2,802	5.8%	7,284	8.9%	-3.096	-0.119

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Table 1i. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Age Group: 50-64 years

		Medical		Covariate Balance		
	Rivaroxa	aban Users	Apixaban Users			
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
>= 5	832	1.7%	2,635	3.2%	-1.498	-0.096
HASBLED						
mean, std	1.0	0.7	1.1	0.8	-0.141	-0.185
0	11,504	23.9%	16,518	20.2%	3.691	0.089
1	27,947	58.1%	44,689	54.8%	3.378	0.068
2	6,990	14.5%	15,242	18.7%	-4.136	-0.111
>= 3	1,630	3.4%	5,161	6.3%	-2.933	-0.137
Health Characteristics						
Diabetes	13,388	27.9%	25,416	31.1%	-3.293	-0.072
Hypercholesterolemia	13,347	27.8%	24,397	29.9%	-2.129	-0.047
Hypertension	35,258	73.3%	62,756	76.9%	-3.552	-0.082
Kidney failure (chronic)	2,414	5.0%	7,163	8.8%	-3.755	-0.149
Kidney failure (acute)	2,354	4.9%	8,025	9.8%	-4.936	-0.190
Obesity	15,655	32.6%	32,245	39.5%	-6.945	-0.145
Peptic ulcer disease	126	0.3%	362	0.4%	-0.181	-0.031
Nicotine dependency	10,995	22.9%	23,516	28.8%	-5.943	-0.136
Hospitalized AMI (past 0-30 days)	788	1.6%	2,345	2.9%	-1.234	-0.083
Hospitalized AMI (past 31-183 days)	400	0.8%	1,217	1.5%	-0.659	-0.062
Coronary revascularization	3,599	7.5%	8,815	10.8%	-3.315	-0.115
Hospitalized heart failure	6,179	12.9%	14,735	18.1%	-5.201	-0.144
Outpatient heart failure	6,502	13.5%	13,896	17.0%	-3.501	-0.097
Other ischemic heart disease	13,099	27.2%	25,401	31.1%	-3.876	-0.085
Hospitalized stroke (past 0-30 days)	482	1.0%	1,268	1.6%	-0.551	-0.049
Hospitalized stroke (past 31-183 days)	243	0.5%	760	0.9%	-0.426	-0.050
Transient ischemic attack	1,454	3.0%	2,783	3.4%	-0.385	-0.022
Other medical conditions (falls, fractures,	11,650	24.2%	21,378	26.2%	-1.960	-0.045
syncope, walker use)						
Cardioversion	7,249	15.1%	12,143	14.9%	0.200	0.006
Cardioablation	1,960	4.1%	3,206	3.9%	0.149	0.008
Hospitalized for bleeding	152	0.3%	434	0.5%	-0.216	-0.033
Medical Product Use						
Estrogen replacement	1,119	2.3%	2,054	2.5%	-0.189	-0.012
H2-antagonist	1,086	2.3%	2,468	3.0%	-0.765	-0.048
NSAIDs	7,690	16.0%	13,752	16.9%	-0.854	-0.023
Proton pump inhibitors	9,340	19.4%	18,363	22.5%	-3.071	-0.076
SSRI antidepressants	5,528	11.5%	10,664	13.1%	-1.567	-0.048
Insulin	3,218	6.7%	6,922	8.5%	-1.788	-0.068
Metformin (Biguanide)	8,259	17.2%	15,414	18.9%	-1.707	-0.044
Sulfonylureas	2,820	5.9%	4,735	5.8%	0.064	0.003
Other diabetes medications	3,704	7.7%	7,767	9.5%	-1.812	-0.065
ACEI/ARB	24,635	51.2%	43,531	53.3%	-2.093	-0.042
Antiarrhythmics	13,889	28.9%	22,555	27.6%	1.255	0.028
Anti-coagulant (injectable)	4,841	10.1%	9,788	12.0%	-1.923	-0.061

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Table 1i. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Age Group: 50-64 years

		Medical	Covariate Balance			
	Rivaroxaban Users		Apixaban Users			
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Anti-platelets	5,103	10.6%	11,528	14.1%	-3.510	-0.107
Beta-blockers	33,740	70.2%	59,538	73.0%	-2.766	-0.061
Calcium channel blockers	16,784	34.9%	29,827	36.5%	-1.633	-0.034
Digoxin	3,354	7.0%	4,427	5.4%	1.553	0.064
Diuretics (loop)	8,033	16.7%	17,008	20.8%	-4.130	-0.106
Diuretics (potassium sparing)	3,510	7.3%	7,307	9.0%	-1.652	-0.060
Diuretics (thiazide)	10,167	21.1%	17,744	21.7%	-0.592	-0.014
Nitrates	2,364	4.9%	5,332	6.5%	-1.616	-0.070
Statins	21,714	45.2%	40,290	49.4%	-4.198	-0.084
Fibrates	1,987	4.1%	3,416	4.2%	-0.052	-0.003
Amiodarone	4,465	9.3%	9,074	11.1%	-1.830	-0.060
Dronedarone	1,462	3.0%	1,795	2.2%	0.842	0.053
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	34,374	71.5%	53,938	66.1%	5.414	0.117
No ED encounters (past 31-183 days)	39,511	82.2%	64,435	79.0%	3.238	0.082
At least 1 ED encounter (past 0-30 days)	13,697	28.5%	27,672	33.9%	-5.414	-0.117
At least 2 ED encounters (past 0-30 days)	2,973	6.2%	6,711	8.2%	-2.039	-0.079
At least 1 ED encounter (past 31-183 days)	8,560	17.8%	17,175	21.0%	-3.238	-0.082
At least 2 ED encounters (past 31-183 days)	2,693	5.6%	5,993	7.3%	-1.741	-0.071

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

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²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1j. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Age Group: 50-64 years

		Medical	Product		Covaria	te Balance
	Rivarox	aban Users	Apixal	ban Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Weighted patients	48,105	N/A	81,592	N/A	N/A	N/A
Demographic Characteristics						
Age (years)	59.2	4.0	59.2	4.0	-0.029	-0.007
Age 21-49 years	0	0.0%	0	0.0%		
50-64 years	48,105	100.0%	81,592	100.0%	0.000	-
Sex	40,103	100.070	01,332	100.070	0.000	
Female	14,048	29.2%	23,929	29.3%	-0.124	-0.003
Male	34,057	70.8%	57,663	70.7%	0.124	0.003
Race ³						
American Indian or Alaska Native	26	0.1%	72	0.1%	-0.035	-0.013
Asian	81	0.2%	163	0.2%	-0.031	-0.007
Black or African American	1,106	2.3%	2,316	2.8%	-0.541	-0.036
Native Hawaiian or Other Pacific Islander	43	0.1%	Z	0.1%	-0.004	-0.001
Unknown	39,828	82.8%	64,961	79.6%	3.178	0.121
White	6,861	14.3%	13,683	16.8%	-2.507	-0.091
Hispanic origin	102	0.40/	402	0.5%	0.001	0.014
Yes No	193 4,635	0.4% 9.6%	402 10,207	0.5% 12.5%	-0.091 -2.875	-0.014 -0.179
Unknown	43,276	90.0%	70,983	87.0%	2.965	0.175
Year	45,270	30.070	70,505	67.676	2.505	0.175
2010	0	0.0%	0	0.0%	NaN	NaN
2011	_					
	37	0.1%	0	0.0%	NaN	NaN
2012	2,045	4.3%	0	0.0%	NaN	NaN
2013	4,556	9.5%	1,278	1.6%	7.905	0.352
2014	5,870	12.2%	3,476	4.3%	7.943	0.292
2015	5,334	11.1%	6,173	7.6%	3.523	0.121
2016	5,316	11.1%	8,264	10.1%	0.923	0.030
2017	5,711	11.9%	9,825	12.0%	-0.171	-0.005
2018	5,430	11.3%	11,039	13.5%	-2.242	-0.068
2019	4,779	9.9%	12,481	15.3%	-5.362	-0.162
2020	3,988	8.3%	12,753	15.6%	-7.341	-0.228
2021	4,288	8.9%	14,432	17.7%	-8.775	-0.261
2022	751	1.6%	1,871	2.3%	-0.733	-0.053
CHADSVASC			,			
mean, std	1.8	1.2	1.8	1.2	-0.023	-0.019
0	6,712	14.0%	11,141	13.7%	0.299	0.009
1	15,650	32.5%	26,229	32.1%	0.386	0.008
2	13,282	27.6%	22,522	27.6%	0.007	0.000
3	7,555	15.7%	13,036	16.0%	-0.271	-0.007



Table 1j. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Age Group: 50-64 years

		Medical		Covariate Balance		
	Rivarox	aban Users	Apixal	ban Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
4	3,643	7.6%	6,437	7.9%	-0.315	-0.012
>= 5	1,262	2.6%	2,227	2.7%	-0.106	-0.007
HASBLED						
mean, std	1.1	0.8	1.1	0.8	-0.012	-0.015
0	10,520	21.9%	17,506	21.5%	0.413	0.010
1	26,953	56.0%	45,670	56.0%	0.057	0.001
2	8,152	16.9%	14,081	17.3%	-0.312	-0.008
>= 3	2,480	5.2%	4,335	5.3%	-0.159	-0.007
Health Characteristics	14 100	20 E9/	24 506	30.1%	-0.647	-0.014
Diabetes	14,190	29.5% 28.9%	24,596 23,768	30.1% 29.1%	-0.647 -0.250	-0.014 -0.006
Hypercholesterolemia Hypertension	13,893 36,229	28.9% 75.3%	61,809	75.8%	-0.250 -0.441	-0.006
Kidney failure (chronic)	3,502	73.3%	6,138	73.8% 7.5%	-0.441 -0.242	-0.010
Kidney failure (chronic) Kidney failure (acute)	3,824	7.5%	6,615	7.5% 8.1%	-0.242	-0.009
Obesity	17,666	36.7%	30,302	37.1%	-0.413	-0.009
Peptic ulcer disease	175	0.4%	309	0.4%	-0.015	-0.002
Nicotine dependency	12,682	26.4%	21,908	26.9%	-0.488	-0.011
Hospitalized AMI (past 0-30 days)	1,118	2.3%	1,986	2.4%	-0.110	-0.007
Hospitalized AMI (past 31-183 days)	607	1.3%	1,034	1.3%	-0.006	-0.001
Coronary revascularization	4,528	9.4%	7,889	9.7%	-0.255	-0.009
Hospitalized heart failure	7,638	15.9%	13,285	16.3%	-0.406	-0.011
Outpatient heart failure	7,429	15.4%	13,031	16.0%	-0.527	-0.015
Other ischemic heart disease	14,143	29.4%	24,399	29.9%	-0.503	-0.011
Hospitalized stroke (past 0-30 days)	633	1.3%	1,100	1.3%	-0.033	-0.003
Hospitalized stroke (past 31-183 days)	384	0.8%	636	0.8%	0.019	0.002
Transient ischemic attack	1,579	3.3%	2,674	3.3%	0.005	0.000
Other medical conditions (falls, fractures,	12,218	25.4%	20,870	25.6%	-0.179	-0.004
syncope, walker use)						
Cardioversion	7,222	15.0%	12,166	14.9%	0.103	0.003
Cardioablation	1,925	4.0%	3,246	4.0%	0.023	0.001
Hospitalized for bleeding	220	0.5%	370	0.5%	0.004	0.001
Medical Product Use						
Estrogen replacement	1,189	2.5%	1,995	2.4%	0.026	0.002
H2-antagonist	1,304	2.7%	2,294	2.8%	-0.100	-0.006
NSAIDs	7,930	16.5%	13,556	16.6%	-0.130	-0.003
Proton pump inhibitors	10,146	21.1%	17,574	21.5%	-0.448	-0.011
SSRI antidepressants	5,947	12.4%	10,298	12.6%	-0.259	-0.008
Insulin	3,660	7.6%	6,455	7.9%	-0.303	-0.011
Metformin (Biguanide)	8,682	18.0%	14,974	18.4%	-0.305 0.101	-0.008
Sulfonylureas Other dispetes medications	2,723	5.7% 9.7%	4,775 7,225	5.9% 8.0%	-0.191 0.147	-0.008
Other diabetes medications	4,195 25, 261	8.7%	7,235	8.9%	-0.147	-0.005
ACEI/ARB	25,261	52.5%	43,037	52.7%	-0.234	-0.005



Table 1j. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, Age Group: 50-64 years

		Medical		Covariate Balance		
	Rivaroxa	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Antiarrhythmics	13,514	28.1%	22,947	28.1%	-0.030	-0.001
Anti-coagulant (injectable)	5,418	11.3%	9,241	11.3%	-0.063	-0.002
Anti-platelets	6,151	12.8%	10,524	12.9%	-0.113	-0.003
Beta-blockers	34,529	71.8%	58,750	72.0%	-0.225	-0.005
Calcium channel blockers	17,214	35.8%	29,362	36.0%	-0.202	-0.004
Digoxin	2,856	5.9%	4,919	6.0%	-0.093	-0.004
Diuretics (loop)	9,130	19.0%	15,947	19.5%	-0.566	-0.015
Diuretics (potassium sparing)	3,976	8.3%	6,865	8.4%	-0.149	-0.005
Diuretics (thiazide)	10,308	21.4%	17,588	21.6%	-0.127	-0.003
Nitrates	2,805	5.8%	4,925	6.0%	-0.206	-0.009
Statins	22,834	47.5%	39,140	48.0%	-0.503	-0.010
Fibrates	1,969	4.1%	3,406	4.2%	-0.082	-0.004
Amiodarone	4,948	10.3%	8,541	10.5%	-0.182	-0.006
Dronedarone	1,227	2.5%	2,048	2.5%	0.039	0.003
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	32,867	68.3%	55,498	68.0%	0.305	0.007
No ED encounters (past 31-183 days)	38,595	80.2%	65,220	79.9%	0.297	0.008
At least 1 ED encounter (past 0-30 days)	15,238	31.7%	26,095	32.0%	-0.305	-0.007
At least 2 ED encounters (past 0-30 days)	3,524	7.3%	6,143	7.5%	-0.203	-0.008
At least 1 ED encounter (past 31-183 days)	9,510	19.8%	16,372	20.1%	-0.297	-0.008
At least 2 ED encounters (past 31-183 days)	3,171	6.6%	5,576	6.8%	-0.242	-0.010

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1k. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 0

		Medical	Covariate Balance			
	Rivarox	aban Users	Apixaban Users			
	1115011011	Percent/	7.10.11.01	Percent/	1	
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Unique patients	10,764	100.0%	13,941	100.0%	N/A	N/A
Demographic Characteristics						
Age (years)	53.4	9.1	53.9	9.0	-0.525	-0.058
Age						
21-49 years	3,063	28.5%	3,798	27.2%	1.213	0.027
50-64 years	7,701	71.5%	10,143	72.8%	-1.213	-0.027
Sex		2.22/	•	2.22/		
Female	0	0.0%	0	0.0%	-	-
Male	10,764	100.0%	13,941	100.0%	0.000	-
Race ³	8	0.10/	7	0.1%	0.024	0.010
American Indian or Alaska Native Asian	8 17	0.1% 0.2%	, 37	0.1%	0.024 -0.107	-0.023
Black or African American	55	0.2%	52	0.3%	0.138	0.023
Native Hawaiian or Other Pacific Islander	1	0.0%	Z	0.0%	0.138	0.021
Unknown	9,655	89.7%	12,420	89.1%	0.607	0.020
White	995	9.2%	1,373	9.8%	-0.605	-0.021
Hispanic origin			,			
Yes	44	0.4%	66	0.5%	-0.065	-0.010
No	245	2.3%	375	2.7%	-0.414	-0.027
Unknown	10,475	97.3%	13,500	96.8%	0.478	0.028
Year						
2010	0	0.0%	0	0.0%	NaN	NaN
2011	11	0.1%	0	0.0%	NaN	NaN
2012	568	5.3%	0	0.0%	NaN	NaN
2013	1,238	11.5%	245	1.8%	9.744	0.399
2014	1,396	13.0%	640	4.6%	8.378	0.299
2015	1,337	12.4%	1,094	7.8%	4.574	0.152
2016			-			
	1,185	11.0%	1,405	10.1%	0.931	0.030
2017	1,144	10.6%	1,612	11.6%	-0.935	-0.030
2018	1,141	10.6%	1,935	13.9%	-3.280	-0.100
2019	955	8.9%	2,066	14.8%	-5.947	-0.185
2020	806	7.5%	2,182	15.7%	-8.164	-0.257
2021	815	7.6%	2,447	17.6%	-9.981	-0.305
2022	168	1.6%	315	2.3%	-0.699	-0.051
CHADSVASC						
mean, std	0.0	-	0.0	-	-	-
0	10,764	100.0%	13,941	100.0%	0.000	-
1	0	0.0%	0	0.0%	-	-
2	0	0.0%	0	0.0%	-	-
3	0	0.0%	0	0.0%	-	-
4	0	0.0%	0	0.0%	-	-



Table 1k. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 0

	Medical	Covariate Balance			
Rivaroxa	aban Users	Apixal	oan Users		
Number/	Standard	Number/	Standard	Absolute	Standardized
-	Deviation ^{1,2}	•			Difference
0	0.0%	0	0.0%	-	-
0.1	0.3	0.1	0.3	-0.017	-0.051
9,823	91.3%	12,517	89.8%	1.472	0.050
862	8.0%	1,294	9.3%	-1.274	-0.045
74	0.7%	117	0.8%	-0.152	-0.017
5	0.0%	13	0.1%	-0.047	-0.018
28	0.3%	50	0.4%	-0.099	-0.018
1,452	13.5%	1,887	13.5%	-0.046	-0.001
258	2.4%	416	3.0%	-0.587	-0.036
80	0.7%	163	1.2%	-0.426	-0.044
107	1.0%	266	1.9%	-0.914	-0.076
1,544	14.3%	2,520	18.1%	-3.732	-0.101
12	0.1%	27	0.2%	-0.082	-0.021
1,611	15.0%	2,448	17.6%	-2.593	-0.070
0		-	0.0%	-	-
0		0		-	-
162	1.5%	278	2.0%	-0.489	-0.037
0	0.0%	0	0.0%	-	-
429	4.0%	623	4.5%	-0.483	-0.024
1,129	10.5%	1,686	12.1%	-1.605	-0.051
0	0.0%	0	0.0%	-	-
0	0.0%	0	0.0%	-	-
5	0.0%	7	0.1%	-0.004	-0.002
2,314	21.5%	3,090	22.2%	-0.667	-0.016
1,754	16.3%	2,250	16.1%	0.156	0.004
628	5.8%	815	5.8%	-0.012	-0.001
14	0.1%	28	0.2%	-0.071	-0.017
0	0.0%	5	0.0%	-	-
92	0.9%	157	1.1%	-0.271	-0.027
1,151	10.7%	1,437	10.3%	0.385	0.013
1,319	12.3%	1,808	13.0%	-0.715	-0.022
637	5.9%	819	5.9%	0.043	0.002
11	0.1%	21	0.2%	-0.048	-0.014
113	1.0%	140	1.0%	0.046	0.005
20	0.2%	10	0.1%	0.114	0.032
39	0.4%	52	0.4%	-0.011	-0.002
1,071	9.9%	1,420	10.2%	-0.236	-0.008
3,211	29.8%	3,790	27.2%	2.645	0.059
	Number/ Mean 0 0.1 9,823 862 74 5 28 1,452 258 80 107 1,544 12 1,611 0 0 162 0 429 1,129 0 5 2,314 1,754 628 14 0 92 1,151 1,319 637 11 113 20 39	Rivaroxable Percent/Standard Mean Deviation ^{1,2} 0 0.0% 0.1 0.3 9,823 91.3% 862 8.0% 74 0.7% 5 0.0% 28 0.3% 1,452 13.5% 258 2.4% 80 0.7% 107 1.0% 1,544 14.3% 12 0.1% 1,611 15.0% 0 0.0% 0 0.0% 0 0.0% 429 4.0% 1,129 10.5% 0 0.0% 429 4.0% 1,129 10.5% 0 0.0% 5 0.0% 2,314 21.5% 1,754 16.3% 628 5.8% 14 0.1% 1,319 12.3% 637 5.9% 11<	Number/ Mean Standard Deviation ^{1,2} Mean Number/ Mean 0 0.0% 0 0.1 0.3 0.1 9,823 91.3% 12,517 862 8.0% 1,294 74 0.7% 117 5 0.0% 13 28 0.3% 50 1,452 13.5% 1,887 258 2.4% 416 80 0.7% 163 107 1.0% 266 1,544 14.3% 2,520 12 0.1% 27 1,611 15.0% 2,448 0 0.0% 0 0 0.0% 0 0 0.0% 0 0 0.0% 0 429 4.0% 623 1,129 10.5% 1,686 0 0.0% 0 5 0.0% 7 2,314 21.5% 3,090	Rivaroxaban Users Apixaban Users Number/ Mean Standard Deviation ^{1,2} Number/ Mean Percent/ Standard Deviation ^{1,2} 0 0.0% 0 0.0% 0.1 0.3 0.1 0.3 9,823 91.3% 12,517 89.8% 862 8.0% 1,294 9.3% 74 0.7% 117 0.8% 5 0.0% 13 0.1% 28 0.3% 50 0.4% 1,452 13.5% 1,887 13.5% 258 2.4% 416 3.0% 80 0.7% 163 1.2% 107 1.0% 266 1.9% 1,544 14.3% 2,520 18.1% 12 0.1% 27 0.2% 1,611 15.0% 2,448 17.6% 0 0.0% 0 0.0% 0 0.0% 0 0.0% 162 1.5% 2.78 2.0% <td>Rivaroxable Number/ Standard Mean Apixable Apixable Percent/ Standard Mean Absolute Difference 0 0.0% 0 0.0% - 0.1 0.3 0.1 0.3 -0.017 9,823 91.3% 12,517 89.8% 1.472 862 8.0% 1,294 9.3% -1.274 74 0.7% 117 0.8% -0.152 5 0.0% 13 0.1% -0.047 28 0.3% 50 0.4% -0.099 1,452 13.5% 1,887 13.5% -0.046 258 2.4% 416 3.0% -0.587 80 0.7% 163 1.2% -0.426 107 1.0% 266 1.9% -0.914 1,544 14.3% 2,520 18.1% -3.732 12 0.1% 27 0.2% -0.082 1,611 15.0% 2,448 17.6% -2.593</td>	Rivaroxable Number/ Standard Mean Apixable Apixable Percent/ Standard Mean Absolute Difference 0 0.0% 0 0.0% - 0.1 0.3 0.1 0.3 -0.017 9,823 91.3% 12,517 89.8% 1.472 862 8.0% 1,294 9.3% -1.274 74 0.7% 117 0.8% -0.152 5 0.0% 13 0.1% -0.047 28 0.3% 50 0.4% -0.099 1,452 13.5% 1,887 13.5% -0.046 258 2.4% 416 3.0% -0.587 80 0.7% 163 1.2% -0.426 107 1.0% 266 1.9% -0.914 1,544 14.3% 2,520 18.1% -3.732 12 0.1% 27 0.2% -0.082 1,611 15.0% 2,448 17.6% -2.593



Table 1k. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 0

		Medical		Covariate Balance		
	Rivaroxa	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Anti-platelets	424	3.9%	693	5.0%	-1.032	-0.050
Beta-blockers	5,986	55.6%	8,030	57.6%	-1.989	-0.040
Calcium channel blockers	2,195	20.4%	2,884	20.7%	-0.295	-0.007
Digoxin	426	4.0%	449	3.2%	0.737	0.040
Diuretics (loop)	401	3.7%	574	4.1%	-0.392	-0.020
Diuretics (potassium sparing)	170	1.6%	232	1.7%	-0.085	-0.007
Diuretics (thiazide)	247	2.3%	340	2.4%	-0.144	-0.009
Nitrates	97	0.9%	173	1.2%	-0.340	-0.033
Statins	2,222	20.6%	3,008	21.6%	-0.934	-0.023
Fibrates	160	1.5%	166	1.2%	0.296	0.026
Amiodarone	520	4.8%	727	5.2%	-0.384	-0.018
Dronedarone	374	3.5%	377	2.7%	0.770	0.045
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	7,897	73.4%	9,847	70.6%	2.732	0.061
No ED encounters (past 31-183 days)	9,577	89.0%	12,218	87.6%	1.332	0.041
At least 1 ED encounter (past 0-30 days)	2,867	26.6%	4,094	29.4%	-2.732	-0.061
At least 2 ED encounters (past 0-30 days)	427	4.0%	649	4.7%	-0.688	-0.034
At least 1 ED encounter (past 31-183 days)	1,187	11.0%	1,723	12.4%	-1.332	-0.041
At least 2 ED encounters (past 31-183 days)	269	2.5%	406	2.9%	-0.413	-0.025

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1l. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 0

		Medical		Covariate Balance		
	Rivarox	aban Users		oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Weighted patients	10,752	N/A	13,893	N/A	N/A	N/A
Demographic Characteristics						
Age (years)	53.7	8.9	53.7	9.1	-0.000	-0.000
Age						
21-49 years	2,935	27.3%	3,915	28.2%	-0.880	-0.020
50-64 years	7,817	72.7%	9,977	71.8%	0.880	0.020
Sex	0	0.00/	0	0.00/		
Female Male	0 10,752	0.0% 100.0%	0 13,893	0.0% 100.0%	0.000	-
Race ³	10,732	100.0%	13,033	100.0%	0.000	-
American Indian or Alaska Native	8	0.1%	7	0.1%	0.021	0.008
Asian	17	0.1%	, 37	0.1%	-0.108	-0.023
Black or African American	57	0.5%	47	0.3%	0.194	0.030
Native Hawaiian or Other Pacific Islander	1	0.0%	Z	0.0%	0.000	0.000
Unknown	9,642	89.7%	12,410	89.3%	0.344	0.014
White	995	9.3%	1,339	9.6%	-0.389	-0.016
Hispanic origin						
Yes	45	0.4%	64	0.5%	-0.044	-0.007
No	243	2.3%	349	2.5%	-0.249	-0.021
Unknown	10,464	97.3%	13,480	97.0%	0.293	0.021
Year						
2010	0	0.0%	0	0.0%	NaN	NaN
2011	10	0.1%	0	0.0%	NaN	NaN
2012	542	5.0%	0	0.0%	NaN	NaN
2013	1,186	11.0%	254	1.8%	9.196	0.382
2014	1,356	12.6%	656	4.7%	7.890	0.283
2015	1,324	12.3%	1,122	8.1%	4.234	0.140
2016	1,177	10.9%	1,413	10.2%	0.776	0.025
2017	1,157	10.8%	1,619	11.7%	-0.891	-0.028
2018						-0.028
	1,160	10.8%	1,924	13.9%	-3.065	
2019	986	9.2%	2,041	14.7%	-5.518	-0.171
2020	829	7.7%	2,160	15.5%	-7.839	-0.246
2021	848	7.9%	2,395	17.2%	-9.356	-0.285
2022	178	1.7%	308	2.2%	-0.561	-0.041
CHADSVASC	_					
mean, std	0.0	-	0.0	-	0.000	-
0	10,752	100.0%	13,893	100.0%	0.000	-
1	0	0.0%	0	0.0%	-	-
2	0 0	0.0%	0	0.0%	-	-
3	U	0.0%	0	0.0%	-	-



Table 1l. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 0

		Medical		Covariate Balance		
	Rivarox	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
4	0	0.0%	0	0.0%	-	-
>= 5	0	0.0%	0	0.0%	-	-
HASBLED						
mean, std	0.1	0.3	0.1	0.3	0.001	0.003
0	9,720	90.4%	12,571	90.5%	-0.086	-0.003
1	943	8.8%	1,210	8.7%	0.060	0.002
2	85	0.8%	105	0.8%	0.029	0.003
>= 3	5	0.0%	7	0.0%	-0.004	-0.002
Health Characteristics						
Diabetes	30	0.3%	40	0.3%	-0.007	-0.001
Hypercholesterolemia	1,458	13.6%	1,875	13.5%	0.068	0.002
Hypertension	294	2.7%	368	2.7%	0.087	0.005
Kidney failure (chronic)	107	1.0%	133	1.0%	0.041	0.004
Kidney failure (acute)	165	1.5%	204	1.5%	0.069	0.006
Obesity	1,780	16.6%	2,289	16.5%	0.079	0.002
Peptic ulcer disease	14	0.1%	18	0.1%	-0.000	-0.000
Nicotine dependency	1,772	16.5%	2,280	16.4%	0.073	0.002
Hospitalized AMI (past 0-30 days)	0	0.0%	0	0.0%	-	-
Hospitalized AMI (past 31-183 days)	0	0.0%	0	0.0%	-	-
Coronary revascularization	189	1.8%	243	1.7%	0.012	0.001
Hospitalized heart failure	0	0.0%	0	0.0%	-	-
Outpatient heart failure	457	4.3%	592	4.3%	-0.008	-0.000
Other ischemic heart disease	1,241	11.5%	1,582	11.4%	0.153	0.005
Hospitalized stroke (past 0-30 days)	0	0.0%	0	0.0%	-	-
Hospitalized stroke (past 31-183 days)	0	0.0%	0	0.0%	-	-
Transient ischemic attack	3	0.0%	3	0.0%	0.003	0.002
Other medical conditions (falls, fractures,	2,361	22.0%	3,038	21.9%	0.083	0.002
syncope, walker use)						
Cardioversion	1,753	16.3%	2,257	16.2%	0.061	0.002
Cardioablation	635	5.9%	808	5.8%	0.088	0.004
Hospitalized for bleeding	18	0.2%	22	0.2%	0.008	0.002
Medical Product Use		0.00/		0.00/		
Estrogen replacement	0 108	0.0%	0	0.0%	- 0.016	- 0.003
H2-antagonist		1.0%	137	1.0%	0.016	0.002
NSAIDs Proton numn inhibitors	1,121 1,257	10.4%	1,446 1,756	10.4%	0.020	0.001 -0.000
Proton pump inhibitors	1,357	12.6%	1,756	12.6%	-0.014 0.062	
SSRI antidepressants	641 15	6.0%	819	5.9%	0.063	0.003
Insulin Matformin (Piguanida)		0.1%	18 120	0.1% 1.0%	0.006 0.023	0.002 0.002
Metformin (Biguanide)	110 10	1.0%	139 16	1.0% 0.1%		-0.002
Sulfonylureas Other diabetes medications	10 42	0.1%	16 52		-0.027	
	42 1.097	0.4%	53 1 204	0.4%	0.003 0.071	0.000 0.002
ACEI/ARB	1,087	10.1%	1,394	10.0%	0.0/1	0.002



Table 1l. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 0

		Medical		Covariate Balance		
	Rivaroxa	Rivaroxaban Users		oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Antiarrhythmics	3,034	28.2%	3,927	28.3%	-0.048	-0.001
Anti-coagulant (injectable)	1,089	10.1%	1,366	9.8%	0.294	0.010
Anti-platelets	489	4.5%	633	4.6%	-0.011	-0.001
Beta-blockers	6,102	56.8%	7,878	56.7%	0.047	0.001
Calcium channel blockers	2,203	20.5%	2,850	20.5%	-0.027	-0.001
Digoxin	378	3.5%	488	3.5%	0.007	0.000
Diuretics (loop)	421	3.9%	544	3.9%	0.004	0.000
Diuretics (potassium sparing)	172	1.6%	224	1.6%	-0.019	-0.002
Diuretics (thiazide)	256	2.4%	328	2.4%	0.020	0.001
Nitrates	116	1.1%	150	1.1%	-0.002	-0.000
Statins	2,282	21.2%	2,941	21.2%	0.059	0.001
Fibrates	138	1.3%	180	1.3%	-0.011	-0.001
Amiodarone	541	5.0%	698	5.0%	0.002	0.000
Dronedarone	321	3.0%	416	3.0%	-0.006	-0.000
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	7,706	71.7%	9,992	71.9%	-0.257	-0.006
No ED encounters (past 31-183 days)	9,474	88.1%	12,264	88.3%	-0.163	-0.005
At least 1 ED encounter (past 0-30 days)	3,047	28.3%	3,901	28.1%	0.257	0.006
At least 2 ED encounters (past 0-30 days)	482	4.5%	589	4.2%	0.246	0.012
At least 1 ED encounter (past 31-183 days)	1,278	11.9%	1,628	11.7%	0.163	0.005
At least 2 ED encounters (past 31-183 days)	302	2.8%	368	2.6%	0.159	0.010

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin receptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1m. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 1

		Medical	Covariate Balance			
	Rivarox	aban Users		ban Users		
	11.74.15%	Percent/	, трілаі	Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Unique patients	20,330	100.0%	30,084	100.0%	N/A	N/A
Demographic Characteristics						
Age (years)	56.1	7.4	56.5	7.3	-0.432	-0.059
Age						
21-49 years	3,552	17.5%	4,956	16.5%	0.998	0.027
50-64 years	16,778	82.5%	25,128	83.5%	-0.998	-0.027
Sex						
Female	3,463	17.0%	5,866	19.5%	-2.465	-0.064
Male	16,867	83.0%	24,218	80.5%	2.465	0.064
Race ³	_	/		/		
American Indian or Alaska Native	4	0.0%	12	0.0%	-0.020	-0.012
Asian	34	0.2%	50	0.2%	0.001	0.000
Black or African American	186	0.9%	317	1.1%	-0.139	-0.014
Native Hawaiian or Other Pacific Islander	8	0.0%	Z 25.002	0.0%	-0.007	-0.003
Unknown	17,933	88.2%	25,992	86.4%	1.811	0.054
White	2,085	10.3%	3,569	11.9%	-1.608	-0.051
Hispanic origin Yes	81	0.4%	125	0.4%	-0.017	-0.003
No	927	0.4% 4.6%	1,774	5.9%	-0.017	-0.060
Unknown	19,322	95.0%	28,185	93.7%	1.354	0.059
Year	13,322	33.070	20,103	33.770	1.554	0.033
2010	0	0.0%	0	0.0%	NaN	NaN
			0			
2011	17	0.1%	0	0.0%	NaN	NaN
2012	1,079	5.3%	0	0.0%	NaN	NaN
2013	2,107	10.4%	527	1.8%	8.612	0.367
2014	2,687	13.2%	1,278	4.2%	8.969	0.322
2015	2,331	11.5%	2,336	7.8%	3.701	0.126
2016	2,256	11.1%	2,980	9.9%	1.191	0.039
2017	2,331	11.5%	3,667	12.2%	-0.723	-0.022
2018	2,174	10.7%	4,113	13.7%	-2.978	-0.091
2019	1,892	9.3%	4,604	15.3%	-5.997	-0.183
2020	1,524	7.5%	4,624	15.4%	-7.874	-0.249
2021	1,650	8.1%		17.5%	-9.408	-0.284
			5,272			
2022 CHARSYASS	282	1.4%	683	2.3%	-0.883	-0.066
CHADSVASC	1.0	0.0	1.0	0.0	0.000	
mean, std	1.0 0	0.0 0.0%	1.0 0	0.0 0.0%	0.000	-
0 1	20,330	0.0% 100.0%	30,084	100.0%	0.000	-
2	0	0.0%	0	0.0%	0.000	<u>-</u>
3	0	0.0%	0	0.0%	- -	-
4	0	0.0%	0	0.0%	- -	-
7	U	0.070	U	0.070	-	-



Table 1m. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 1

the Sentiner Distributed Database from Octo		Medical	Covariate Balance			
	Rivarox	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
>= 5	0	0.0%	0	0.0%	-	-
HASBLED						
mean, std	0.9	0.6	0.9	0.7	-0.017	-0.026
0	4,499	22.1%	7,055	23.5%	-1.321	-0.031
1	13,435	66.1%	18,818	62.6%	3.533	0.074
2	2,068	10.2%	3,518	11.7%	-1.522	-0.049
>= 3	328	1.6%	693	2.3%	-0.690	-0.050
Health Characteristics						
Diabetes	756	3.7%	936	3.1%	0.607	0.033
Hypercholesterolemia	4,937	24.3%	7,476	24.9%	-0.566	-0.013
Hypertension	15,189	74.7%	21,852	72.6%	2.076	0.047
Kidney failure (chronic)	495	2.4%	1,063	3.5%	-1.099	-0.065
Kidney failure (acute)	486	2.4%	1,229	4.1%	-1.695	-0.096
Obesity	5,719	28.1%	9,758	32.4%	-4.305	-0.094
Peptic ulcer disease	32	0.2%	78	0.3%	-0.102	-0.022
Nicotine dependency	4,245	20.9%	7,341	24.4%	-3.521	-0.084
Hospitalized AMI (past 0-30 days)	38	0.2%	100	0.3%	-0.145	-0.029
Hospitalized AMI (past 31-183 days)	19	0.1%	26	0.1%	0.007	0.002
Coronary revascularization	918	4.5%	1,725	5.7%	-1.218	-0.055
Hospitalized heart failure	655	3.2%	1,094	3.6%	-0.415	-0.023
Outpatient heart failure	1,385	6.8%	2,059	6.8%	-0.032	-0.001
Other ischemic heart disease	4,242	20.9%	6,516	21.7%	-0.794	-0.019
Hospitalized stroke (past 0-30 days)	0	0.0%	0	0.0%	-	-
Hospitalized stroke (past 31-183 days)	0	0.0%	0	0.0%	-	-
Transient ischemic attack	10	0.0%	21	0.1%	-0.021	-0.008
Other medical conditions (falls, fractures,	4,703	23.1%	6,936	23.1%	0.078	0.002
syncope, walker use)	,		•			
Cardioversion	3,389	16.7%	4,666	15.5%	1.160	0.032
Cardioablation	1,078	5.3%	1,472	4.9%	0.410	0.019
Hospitalized for bleeding	44	0.2%	103	0.3%	-0.126	-0.024
Medical Product Use						
Estrogen replacement	445	2.2%	720	2.4%	-0.204	-0.014
H2-antagonist	304	1.5%	612	2.0%	-0.539	-0.041
NSAIDs	2,966	14.6%	4,667	15.5%	-0.924	-0.026
Proton pump inhibitors	3,555	17.5%	5,608	18.6%	-1.155	-0.030
SSRI antidepressants	1,874	9.2%	3,069	10.2%	-0.984	-0.033
Insulin	113	0.6%	140	0.5%	0.090	0.013
Metformin (Biguanide)	673	3.3%	935	3.1%	0.202	0.011
Sulfonylureas	136	0.7%	139	0.5%	0.207	0.028
Other diabetes medications	218	1.1%	298	1.0%	0.082	0.008
ACEI/ARB	9,674	47.6%	13,979	46.5%	1.118	0.022
Antiarrhythmics	6,076	29.9%	8,459	28.1%	1.769	0.039
Anti-coagulant (injectable)	2,048	10.1%	3,416	11.4%	-1.281	-0.041
-						



Table 1m. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 1

		Medical		Covariate Balance		
	Rivaroxaban Users		Apixaban Users			
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Anti-platelets	1,439	7.1%	2,680	8.9%	-1.830	-0.068
Beta-blockers	14,026	69.0%	21,016	69.9%	-0.866	-0.019
Calcium channel blockers	7,144	35.1%	10,833	36.0%	-0.869	-0.018
Digoxin	1,183	5.8%	1,195	4.0%	1.847	0.086
Diuretics (loop)	1,797	8.8%	2,780	9.2%	-0.402	-0.014
Diuretics (potassium sparing)	926	4.6%	1,430	4.8%	-0.199	-0.009
Diuretics (thiazide)	3,893	19.1%	5,657	18.8%	0.345	0.009
Nitrates	584	2.9%	972	3.2%	-0.358	-0.021
Statins	7,307	35.9%	11,217	37.3%	-1.344	-0.028
Fibrates	649	3.2%	827	2.7%	0.443	0.026
Amiodarone	1,535	7.6%	2,336	7.8%	-0.215	-0.008
Dronedarone	726	3.6%	880	2.9%	0.646	0.036
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	15,150	74.5%	21,170	70.4%	4.151	0.093
No ED encounters (past 31-183 days)	17,282	85.0%	25,117	83.5%	1.518	0.042
At least 1 ED encounter (past 0-30 days)	5,180	25.5%	8,914	29.6%	-4.151	-0.093
At least 2 ED encounters (past 0-30 days)	977	4.8%	1,760	5.9%	-1.045	-0.047
At least 1 ED encounter (past 31-183 days)	3,048	15.0%	4,967	16.5%	-1.518	-0.042
At least 2 ED encounters (past 31-183 days)	770	3.8%	1,312	4.4%	-0.574	-0.029

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1n. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 1

		Medical	Covariate Balance			
	Rivarox	aban Users		ban Users		
	Rivarox	Percent/	Аріла	Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Weighted patients	20,326	N/A	30,059	N/A	N/A	N/A
Demographic Characteristics						
Age (years)	56.4	7.3	56.4	7.4	-0.015	-0.002
Age						
21-49 years	3,365	16.6%	5,171	17.2%	-0.647	-0.017
50-64 years	16,961	83.4%	24,889	82.8%	0.647	0.017
Sex						
Female	3,782	18.6%	5,562	18.5%	0.103	0.003
Male	16,544	81.4%	24,497	81.5%	-0.103	-0.003
Race ³						
American Indian or Alaska Native	4	0.0%	11	0.0%	-0.015	-0.009
Asian	30	0.1%	51	0.2%	-0.022	-0.005
Black or African American	185	0.9%	313	1.0%	-0.129	-0.013
Native Hawaiian or Other Pacific Islander	9	0.0%	Z 26.044	0.0%	0.000	0.000
Unknown	17,866	87.9%	26,041	86.6%	1.268	0.050
White	2,151	10.6%	3,502	11.7%	-1.066	-0.042
Hispanic origin	81	0.40/	125	0.4%	0.019	-0.003
Yes No	974	0.4% 4.8%	1,722	0.4% 5.7%	-0.018 -0.937	-0.063
Unknown	19,271	94.8%	28,213	93.9%	0.954	0.060
	13,271	34.670	20,213	33.370	0.554	0.000
Year	0	0.00/	0	0.00/	NI - NI	NI-NI
2010	0	0.0%	0	0.0%	NaN	NaN
2011	15	0.1%	0	0.0%	NaN	NaN
2012	1,001	4.9%	0	0.0%	NaN	NaN
2013	2,018	9.9%	563	1.9%	8.055	0.347
2014	2,606	12.8%	1,337	4.4%	8.374	0.302
2015	2,293	11.3%	2,408	8.0%	3.267	0.111
2016	2,250	11.1%	3,018	10.0%	1.026	0.033
2017	2,360	11.6%	3,701	12.3%	-0.704	-0.022
2018	2,243	11.0%	4,098	13.6%	-2.599	-0.079
2019	1,962	9.7%	4,544	15.1%	-5.461	-0.166
2020	1,575	7.8%	4,556	15.2%	-7.406	-0.234
2021	1,709	8.4%	5,161	17.2%	-8.763	-0.265
2022	295	1.4%	673	2.2%	-0.788	-0.059
CHADSVASC		_		_		
mean, std	1.0	0.0	1.0	0.0	0.000	-
0	0	0.0%	0	0.0%	-	-
1	20,326	100.0%	30,059	100.0%	0.000	-
2	0	0.0%	0	0.0%	-	-



Table 1n. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 1

		Medical	Covariate Balance			
	Rivaroxa	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
3	0	0.0%	0	0.0%	-	-
4	0	0.0%	0	0.0%	-	-
>= 5	0	0.0%	0	0.0%	-	-
HASBLED						
mean, std	0.9	0.6	0.9	0.7	-0.002	-0.003
0	4,677	23.0%	6,889	22.9%	0.091	0.002
1	12,990	63.9%	19,233	64.0%	-0.075	-0.002
2	2,254	11.1%	3,334	11.1%	-0.004	-0.000
>= 3	405	2.0%	602	2.0%	-0.012	-0.001
Health Characteristics	676	2.20/	1.000	2.40/	0.000	2.222
Diabetes	676	3.3%	1,009	3.4%	-0.032	-0.002
Hypercholesterolemia	4,992	24.6%	7,389	24.6%	-0.021	-0.000
Hypertension	14,930	73.5%	22,086	73.5%	-0.021	-0.000
Kidney failure (chronic)	633	3.1%	931	3.1%	0.016	0.001
Kidney failure (acute)	688	3.4%	1,013	3.4%	0.017	0.001
Obesity	6,216	30.6%	9,234	30.7%	-0.138	-0.003
Peptic ulcer disease	43	0.2%	63	0.2%	0.002	0.000
Nicotine dependency	4,657	22.9%	6,921	23.0%	-0.111	-0.003
Hospitalized AMI (past 0-30 days)	53 15	0.3%	80	0.3%	-0.004	-0.001
Hospitalized AMI (past 31-183 days)	15	0.1%	23	0.1%	-0.004	-0.001
Coronary revascularization	1,049 706	5.2% 3.5%	1,572 1,045	5.2% 3.5%	-0.068 -0.006	-0.003 -0.000
Hospitalized heart failure Outpatient heart failure		3.5% 6.8%	1,045 2,059	5.5% 6.8%	-0.006	-0.000 -0.001
Other ischemic heart disease	1,385 4,321	21.3%	6,423	21.4%	-0.033 -0.111	-0.001
Hospitalized stroke (past 0-30 days)	0	0.0%	0,423	0.0%	-0.111	-0.003
Hospitalized stroke (past 0-30 days)	0	0.0%	0	0.0%	-	-
Transient ischemic attack	10	0.0%	16	0.0%	-0.001	-0.000
Other medical conditions (falls, fractures,	4,692	23.1%	6,939	23.1%	-0.001	-0.000
syncope, walker use)	4,032	23.1/0	0,555	23.1/0	-0.000	-0.000
Cardioversion	3,252	16.0%	4,804	16.0%	0.018	0.000
Cardioablation	1,035	5.1%	1,515	5.0%	0.052	0.002
Hospitalized for bleeding	57	0.3%	85	0.3%	-0.004	-0.001
Medical Product Use	<u> </u>	0.570		0.370	0.001	0.001
Estrogen replacement	469	2.3%	693	2.3%	0.003	0.000
H2-antagonist	361	1.8%	548	1.8%	-0.045	-0.003
NSAIDs	3,066	15.1%	4,556	15.2%	-0.073	-0.002
Proton pump inhibitors	3,676	18.1%	5,477	18.2%	-0.135	-0.004
SSRI antidepressants	1,996	9.8%	2,958	9.8%	-0.023	-0.001
Insulin	101	0.5%	153	0.5%	-0.010	-0.001
Metformin (Biguanide)	649	3.2%	959	3.2%	0.000	0.000
Sulfonylureas	111	0.5%	169	0.6%	-0.015	-0.002
Other diabetes medications	207	1.0%	307	1.0%	-0.005	-0.001
-						



Table 1n. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 1

		Medical		Covariate Balance		
	Rivaroxa	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
ACEI/ARB	9,539	46.9%	14,117	47.0%	-0.032	-0.001
Antiarrhythmics	5,864	28.9%	8,674	28.9%	-0.003	-0.000
Anti-coagulant (injectable)	2,229	11.0%	3,250	10.8%	0.157	0.005
Anti-platelets	1,663	8.2%	2,451	8.2%	0.031	0.001
Beta-blockers	14,138	69.6%	20,895	69.5%	0.045	0.001
Calcium channel blockers	7,243	35.6%	10,713	35.6%	-0.007	-0.000
Digoxin	957	4.7%	1,422	4.7%	-0.023	-0.001
Diuretics (loop)	1,831	9.0%	2,736	9.1%	-0.092	-0.003
Diuretics (potassium sparing)	946	4.7%	1,409	4.7%	-0.032	-0.002
Diuretics (thiazide)	3,842	18.9%	5,688	18.9%	-0.018	-0.000
Nitrates	626	3.1%	935	3.1%	-0.028	-0.002
Statins	7,447	36.6%	11,038	36.7%	-0.079	-0.002
Fibrates	590	2.9%	880	2.9%	-0.027	-0.002
Amiodarone	1,535	7.6%	2,304	7.7%	-0.112	-0.004
Dronedarone	653	3.2%	957	3.2%	0.027	0.002
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	14,636	72.0%	21,672	72.1%	-0.090	-0.002
No ED encounters (past 31-183 days)	17,093	84.1%	25,283	84.1%	-0.016	-0.000
At least 1 ED encounter (past 0-30 days)	5,689	28.0%	8,387	27.9%	0.090	0.002
At least 2 ED encounters (past 0-30 days)	1,117	5.5%	1,615	5.4%	0.124	0.006
At least 1 ED encounter (past 31-183 days)	3,233	15.9%	4,776	15.9%	0.016	0.000
At least 2 ED encounters (past 31-183 days)	838	4.1%	1,237	4.1%	0.007	0.000

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1o. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 2

		Medical	Product		Covariate Balance	
	Rivarox	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Unique patients	15,195	100.0%	25,641	100.0%	N/A	N/A
Demographic Characteristics						
Age (years)	57.3	6.5	57.6	6.3	-0.387	-0.060
Age						
21-49 years	1,976	13.0%	3,067	12.0%	1.043	0.032
50-64 years	13,219	87.0%	22,574	88.0%	-1.043	-0.032
Sex	F 04.4	30.00/	10 516	44.00/	2.002	0.043
Female Male	5,914 9,281	38.9% 61.1%	10,516 15,125	41.0% 59.0%	-2.092 2.092	-0.043 0.043
Race ³	9,201	01.1%	15,125	39.0%	2.092	0.045
American Indian or Alaska Native	9	0.1%	25	0.1%	-0.038	-0.014
Asian	35	0.1%	52	0.1%	0.028	0.006
Black or African American	341	2.2%	739	2.9%	-0.638	-0.040
Native Hawaiian or Other Pacific Islander	16	0.1%	Z	0.1%	0.027	0.009
Unknown	12,714	83.7%	20,618	80.4%	3.262	0.085
White	2,019	13.3%	4,068	15.9%	-2.578	-0.073
Hispanic origin						
Yes	71	0.5%	124	0.5%	-0.016	-0.002
No	1,394	9.2%	2,990	11.7%	-2.487	-0.081
Unknown	13,730	90.4%	22,527	87.9%	2.503	0.080
Year						
2010	0	0.0%	0	0.0%	NaN	NaN
2011	16	0.1%	0	0.0%	NaN	NaN
2012	743	4.9%	0	0.0%	NaN	NaN
2013	1,640	10.8%	396	1.5%	9.249	0.392
2014	2,102	13.8%	1,194	4.7%	9.177	0.321
2015	1,851	12.2%	1,936	7.6%	4.631	0.156
2016	1,657	10.9%	2,533	9.9%	1.026	0.034
2017	1,656	10.9%	3,132	12.2%	-1.316	-0.041
2018	1,551	10.2%	3,522	13.7%	-3.529	-0.109
2019	1,429	9.4%	3,981	15.5%	-6.122	-0.186
2020	1,145	7.5%	3,990	15.6%	-8.026	-0.253
2021	1,208	7.9%	4,411	17.2%	-9.253	-0.282
2022	197	1.3%	546	2.1%	-0.833	-0.064
CHADSVASC						
mean, std	2.0	0.0	2.0	0.0	0.000	-
0	0	0.0%	0	0.0%	-	-
1	0	0.0%	0	0.0%	-	-
2	15,195	100.0%	25,641	100.0%	0.000	-
3	0	0.0%	0	0.0% 0.0%	-	-
4	0	0.0%	0	0.0%	-	-



Table 1o. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 2

	,	Medical	Covariate Balance				
	Pivarov	Rivaroxaban Users Apixaban Users			Covariate Balance		
	Rivalux	Percent/	Apixai	Percent/			
	Number/	Standard	Number/	Standard	Absolute	Standardized	
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference	
>= 5	0	0.0%	0	0.0%	Difference	Difference	
HASBLED	U	0.0%	U	0.0%	-	-	
mean, std	1.2	0.6	1.3	0.7	-0.066	-0.104	
0	911	6.0%	1,609	6.3%	-0.280	-0.104	
1	11,092	73.0%	17,451	68.1%	4.939	0.108	
2	2,681	17.6%	5,238	20.4%	-2.784	-0.071	
>= 3	511	3.4%	1,343	5.2%	-2.784	-0.071	
Health Characteristics	311	3.470	1,343	3.270	-1.673	-0.093	
Diabetes	5,608	36.9%	7,884	30.7%	6.159	0.130	
Hypercholesterolemia	4,397	28.9%	7,395	28.8%	0.133	0.002	
Hypertension	14,008	92.2%	23,443	91.4%	0.760	0.002	
Kidney failure (chronic)	774	5.1%	1,956	7.6%	-2.535	-0.104	
Kidney failure (acute)	791	5.2%	2,309	9.0%	-3.799	-0.148	
Obesity	5,991	39.4%	11,328	44.2%	-4.752	-0.096	
Peptic ulcer disease	46	0.3%	102	0.4%	-0.095	-0.016	
Nicotine dependency	3,758	24.7%	7,538	29.4%	-4.666	-0.105	
Hospitalized AMI (past 0-30 days)	225	1.5%	497	1.9%	-0.458	-0.035	
Hospitalized AMI (past 31-183 days)	78	0.5%	217	0.8%	-0.333	-0.041	
Coronary revascularization	1,128	7.4%	2,331	9.1%	-1.667	-0.061	
Hospitalized heart failure	2,509	16.5%	5,061	19.7%	-3.226	-0.084	
Outpatient heart failure	2,345	15.4%	4,480	17.5%	-2.039	-0.055	
Other ischemic heart disease	4,319	28.4%	7,650	29.8%	-1.411	-0.031	
Hospitalized stroke (past 0-30 days)	44	0.3%	118	0.5%	-0.171	-0.028	
Hospitalized stroke (past 31-183 days)	23	0.2%	50	0.2%	-0.044	-0.010	
Transient ischemic attack	200	1.3%	335	1.3%	0.010	0.001	
Other medical conditions (falls, fractures,	3,859	25.4%	6,731	26.3%	-0.854	-0.020	
syncope, walker use)	,		,				
Cardioversion	2,517	16.6%	4,259	16.6%	-0.045	-0.001	
Cardioablation	592	3.9%	990	3.9%	0.035	0.002	
Hospitalized for bleeding	45	0.3%	126	0.5%	-0.195	-0.031	
Medical Product Use							
Estrogen replacement	529	3.5%	947	3.7%	-0.212	-0.011	
H2-antagonist	380	2.5%	740	2.9%	-0.385	-0.024	
NSAIDs	2,651	17.4%	4,604	18.0%	-0.509	-0.013	
Proton pump inhibitors	3,048	20.1%	5,742	22.4%	-2.335	-0.057	
SSRI antidepressants	1,999	13.2%	3,529	13.8%	-0.607	-0.018	
Insulin	924	6.1%	1,283	5.0%	1.077	0.047	
Metformin (Biguanide)	3,459	22.8%	4,961	19.3%	3.416	0.084	
Sulfonylureas	1,128	7.4%	1,368	5.3%	2.088	0.086	
Other diabetes medications	1,455	9.6%	2,179	8.5%	1.077	0.038	
ACEI/ARB	9,302	61.2%	15,406	60.1%	1.134	0.023	
Antiarrhythmics	4,407	29.0%	7,203	28.1%	0.911	0.020	
Anti-coagulant (injectable)	1,567	10.3%	3,141	12.2%	-1.937	-0.061	



Table 1o. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 2

		Medical		Covariate Balance		
	Rivaroxa	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Anti-platelets	1,606	10.6%	3,146	12.3%	-1.700	-0.053
Beta-blockers	11,309	74.4%	19,514	76.1%	-1.679	-0.039
Calcium channel blockers	5,828	38.4%	9,881	38.5%	-0.181	-0.004
Digoxin	1,250	8.2%	1,572	6.1%	2.096	0.081
Diuretics (loop)	3,039	20.0%	5,694	22.2%	-2.207	-0.054
Diuretics (potassium sparing)	1,451	9.5%	2,697	10.5%	-0.969	-0.032
Diuretics (thiazide)	4,031	26.5%	6,702	26.1%	0.391	0.009
Nitrates	765	5.0%	1,508	5.9%	-0.847	-0.037
Statins	6,998	46.1%	11,866	46.3%	-0.223	-0.004
Fibrates	721	4.7%	1,087	4.2%	0.506	0.024
Amiodarone	1,554	10.2%	2,970	11.6%	-1.356	-0.044
Dronedarone	453	3.0%	521	2.0%	0.949	0.061
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	10,413	68.5%	16,560	64.6%	3.945	0.084
No ED encounters (past 31-183 days)	12,209	80.3%	20,145	78.6%	1.783	0.044
At least 1 ED encounter (past 0-30 days)	4,782	31.5%	9,081	35.4%	-3.945	-0.084
At least 2 ED encounters (past 0-30 days)	1,042	6.9%	2,134	8.3%	-1.465	-0.055
At least 1 ED encounter (past 31-183 days)	2,986	19.7%	5,496	21.4%	-1.783	-0.044
At least 2 ED encounters (past 31-183 days)	866	5.7%	1,778	6.9%	-1.235	-0.051

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1p. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 2

		Medical	Covariate Balance				
	Rivarox	aban Users		oan Users			
	- Intuitor	Percent/	7 (51)7(4)	Percent/			
	Number/	Standard	Number/	Standard	Absolute	Standardized	
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference	
Weighted patients	15,201	N/A	25,606	N/A	N/A	N/A	
Demographic Characteristics							
Age (years)	57.5	6.4	57.5	6.4	-0.049	-0.008	
Age							
21-49 years	1,866	12.3%	3,183	12.4%	-0.155	-0.005	
50-64 years	13,335	87.7%	22,424	87.6%	0.155	0.005	
Sex							
Female	6,114	40.2%	10,292	40.2%	0.030	0.001	
Male	9,087	59.8%	15,314	59.8%	-0.030	-0.001	
Race ³	4.0	0.40/	0.5	0.40/	0.000	0.040	
American Indian or Alaska Native	10	0.1%	25	0.1%	-0.036	-0.013	
Asian	34	0.2%	54 710	0.2%	0.016	0.003	
Black or African American Native Hawaiian or Other Pacific Islander	353 15	2.3% 0.1%	719	2.8% 0.1%	-0.487 0.021	-0.032 0.007	
Unknown	12,648	83.2%	z 20,645	80.6%	2.584	0.007	
White	2,080	13.7%	4,022	15.7%	-2.025	-0.075	
Hispanic origin	2,000	13.770	7,022	13.770	2.025	0.073	
Yes	69	0.5%	124	0.5%	-0.033	-0.005	
No	1,433	9.4%	2,945	11.5%	-2.071	-0.128	
Unknown	13,699	90.1%	22,538	88.0%	2.105	0.123	
Year							
2010	0	0.0%	0	0.0%	NaN	NaN	
2011	14	0.1%	0	0.0%	NaN	NaN	
2012	676	4.4%	0	0.0%	NaN	NaN	
2013	1,529	10.1%	431	1.7%	8.373	0.362	
2014	1,995	13.1%	1,271	5.0%	8.159	0.288	
2015	1,792	11.8%	2,012	7.9%	3.927	0.132	
2016	1,656	10.9%	2,574	10.1%	0.843	0.028	
2017	1,712	11.3%	3,143	12.3%	-1.015	-0.032	
2018	1,619	10.6%	3,511	13.7%	-3.060	-0.094	
2019	1,499	9.9%	3,915	15.3%	-5.425	-0.164	
2020	1,209	8.0%	3,904	15.2%	-7.291	-0.229	
2021	1,282	8.4%	4,313	16.8%	-8.411	-0.256	
2022	220	1.4%	533	2.1%	-0.634	-0.048	
CHADSVASC	-	•		-			
mean, std	2.0	0.0	2.0	0.0	0.000	-	
0	0	0.0%	0	0.0%	-	-	
1	0	0.0%	0	0.0%	-	-	
2	15,201	100.0%	25,606	100.0%	0.000	-	



Table 1p. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 2

		Medical	Covariate Balance			
	Rivarox	aban Users	Apixaban Users			
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
3	0	0.0%	0	0.0%	-	-
4	0	0.0%	0	0.0%	-	-
>= 5	0	0.0%	0	0.0%	-	-
HASBLED						
mean, std	1.2	0.6	1.2	0.6	-0.001	-0.002
0	949	6.2%	1,583	6.2%	0.057	0.002
1	10,619	69.9%	17,886	69.8%	0.011	0.000
2	2,929	19.3%	4,978	19.4%	-0.173	-0.004
>= 3	704	4.6%	1,159	4.5%	0.105	0.005
Health Characteristics	5.000	22.00/	0.462	22.00/	0.402	0.003
Diabetes	5,008	32.9%	8,463	33.0%	-0.102	-0.002
Hypercholesterolemia	4,339	28.5%	7,368	28.8%	-0.231	-0.005 -0.002
Hypertension Kidnov failure (chronic)	13,931	91.6% 6.7%	23,483 1,716	91.7% 6.7%	-0.062 0.033	0.002
Kidney failure (chronic) Kidney failure (acute)	1,023 1,162	7.6%	1,716	7.6%	0.033	0.001
Obesity	6,438	42.4%	10,871	42.5%	-0.100	-0.003
Peptic ulcer disease	53	0.4%	89	0.3%	0.003	0.002
Nicotine dependency	4,207	27.7%	7,114	27.8%	-0.106	-0.002
Hospitalized AMI (past 0-30 days)	270	1.8%	454	1.8%	0.001	0.000
Hospitalized AMI (past 31-183 days)	107	0.7%	184	0.7%	-0.017	-0.002
Coronary revascularization	1,280	8.4%	2,170	8.5%	-0.054	-0.002
Hospitalized heart failure	2,828	18.6%	4,745	18.5%	0.074	0.002
Outpatient heart failure	2,549	16.8%	4,310	16.8%	-0.064	-0.002
Other ischemic heart disease	4,419	29.1%	7,509	29.3%	-0.255	-0.006
Hospitalized stroke (past 0-30 days)	59	0.4%	100	0.4%	-0.002	-0.000
Hospitalized stroke (past 31-183 days)	27	0.2%	44	0.2%	0.008	0.002
Transient ischemic attack	199	1.3%	333	1.3%	0.009	0.001
Other medical conditions (falls, fractures,	3,961	26.1%	6,663	26.0%	0.037	0.001
syncope, walker use)						
Cardioversion	2,536	16.7%	4,247	16.6%	0.099	0.003
Cardioablation	586	3.9%	993	3.9%	-0.025	-0.001
Hospitalized for bleeding	63	0.4%	102	0.4%	0.014	0.002
Medical Product Use						
Estrogen replacement	541	3.6%	922	3.6%	-0.040	-0.002
H2-antagonist	414	2.7%	714	2.8%	-0.063	-0.004
NSAIDs	2,694	17.7%	4,561	17.8%	-0.089	-0.002
Proton pump inhibitors	3,236	21.3%	5,526	21.6%	-0.292	-0.007
SSRI antidepressants	2,040	13.4%	3,489	13.6%	-0.206	-0.006
Insulin Metformin (Biguanida)	809	5.3%	1,381	5.4%	-0.074	-0.003 0.001
Metformin (Biguanide)	3,129 918	20.6%	5,282 1,564	20.6%	-0.039 -0.069	-0.001 -0.003
Sulfonylureas Other dishetes medications		6.0%	1,564	6.1%		
Other diabetes medications	1,342	8.8%	2,266	8.8%	-0.020	-0.001



Table 1p. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 2

		Medical		Covariate Balance		
	Rivaroxaban Users		Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
ACEI/ARB	9,219	60.7%	15,507	60.6%	0.092	0.002
Antiarrhythmics	4,323	28.4%	7,286	28.5%	-0.015	-0.000
Anti-coagulant (injectable)	1,751	11.5%	2,957	11.5%	-0.026	-0.001
Anti-platelets	1,771	11.7%	2,980	11.6%	0.015	0.000
Beta-blockers	11,465	75.4%	19,332	75.5%	-0.074	-0.002
Calcium channel blockers	5,850	38.5%	9,862	38.5%	-0.026	-0.001
Digoxin	1,049	6.9%	1,780	6.9%	-0.047	-0.002
Diuretics (loop)	3,252	21.4%	5,509	21.5%	-0.116	-0.003
Diuretics (potassium sparing)	1,547	10.2%	2,610	10.2%	-0.014	-0.000
Diuretics (thiazide)	3,978	26.2%	6,722	26.3%	-0.083	-0.002
Nitrates	841	5.5%	1,434	5.6%	-0.068	-0.003
Statins	7,007	46.1%	11,845	46.3%	-0.160	-0.003
Fibrates	668	4.4%	1,136	4.4%	-0.043	-0.002
Amiodarone	1,668	11.0%	2,830	11.1%	-0.081	-0.003
Dronedarone	361	2.4%	606	2.4%	0.008	0.001
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	10,008	65.8%	16,959	66.2%	-0.388	-0.009
No ED encounters (past 31-183 days)	12,032	79.2%	20,272	79.2%	-0.018	-0.000
At least 1 ED encounter (past 0-30 days)	5,193	34.2%	8,648	33.8%	0.388	0.009
At least 2 ED encounters (past 0-30 days)	1,183	7.8%	1,976	7.7%	0.061	0.002
At least 1 ED encounter (past 31-183 days)	3,169	20.8%	5,334	20.8%	0.018	0.000
At least 2 ED encounters (past 31-183 days)	993	6.5%	1,665	6.5%	0.030	0.001

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1q. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 3

		Medical	Product		Covariate Balance	
	Rivarox	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Unique patients	7,610	100.0%	15,444	100.0%	N/A	N/A
Demographic Characteristics						
Age (years)	57.6	6.1	58.0	6.0	-0.356	-0.059
Age						
21-49 years	871	11.4%	1,598	10.3%	1.098	0.035
50-64 years	6,739	88.6%	13,846	89.7%	-1.098	-0.035
Sex						
Female	3,206	42.1%	5,878	38.1%	4.069	0.083
Male	4,404	57.9%	9,566	61.9%	-4.069	-0.083
Race ³	_					
American Indian or Alaska Native	6	0.1%	20	0.1%	-0.051	-0.016
Asian	15	0.2%	36	0.2%	-0.036	-0.008
Black or African American	339	4.5%	769	5.0%	-0.525	-0.025
Native Hawaiian or Other Pacific Islander Unknown	8 E 0E2	0.1% 76.9%	Z 11 212	0.2% 73.3%	-0.057 3.660	-0.016 0.085
White	5,853 1,361	76.9% 17.9%	11,313 3,229	20.9%	-3.023	-0.077
Hispanic origin	1,301	17.5%	3,223	20.9%	-3.023	-0.077
Yes	65	0.9%	111	0.7%	0.135	0.015
No	1,233	16.2%	2,935	19.0%	-2.802	-0.074
Unknown	6,312	82.9%	12,398	80.3%	2.666	0.069
Year	,		,			
2010	0	0.0%	0	0.0%	NaN	NaN
2011	5	0.1%	0	0.0%	NaN	NaN
2012				0.0%		
	286	3.8%	0		NaN	NaN
2013	679	8.9%	164	1.1%	7.861	0.367
2014	886	11.6%	479	3.1%	8.541	0.331
2015	861	11.3%	1,006	6.5%	4.800	0.169
2016	863	11.3%	1,492	9.7%	1.680	0.055
2017	959	12.6%	1,780	11.5%	1.076	0.033
2018	890	11.7%	2,090	13.5%	-1.838	-0.055
2019	758	10.0%	2,554	16.5%	-6.577	-0.195
2020	617	8.1%	2,571	16.6%	-8.539	-0.262
2021	695	9.1%	2,918	18.9%	-9.761	-0.284
2022	111		390	2.5%	-1.067	-0.076
CHADSVASC	111	1.5%	330	2.370	-1.00/	-0.076
mean, std	3.0	0.0	3.0	0.0	0.000	_
0	0	0.0%	0	0.0%	-	_
1	0	0.0%	0	0.0%	_	_
2	0	0.0%	0	0.0%	-	-
3	7,610	100.0%	15,444	100.0%	0.000	_
4	Ô	0.0%	0	0.0%	-	_



Table 1q. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 3

		Medical		Covariate Balance		
	Rivarox	aban Users	Apixal	oan Users		
		Percent/		Percent/	1	
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
>= 5	0	0.0%	0	0.0%	-	-
HASBLED						
mean, std	1.4	0.7	1.5	0.7	-0.110	-0.157
0	238	3.1%	454	2.9%	0.188	0.011
1	4,975	65.4%	9,116	59.0%	6.348	0.131
2	1,931	25.4%	4,362	28.2%	-2.869	-0.065
>= 3	466	6.1%	1,512	9.8%	-3.667	-0.136
Health Characteristics						
Diabetes	5,348	70.3%	10,343	67.0%	3.305	0.071
Hypercholesterolemia	2,578	33.9%	5,600	36.3%	-2.384	-0.050
Hypertension	7,272	95.6%	14,748	95.5%	0.065	0.003
Kidney failure (chronic)	702	9.2%	2,079	13.5%	-4.237	-0.134
Kidney failure (acute)	722	9.5%	2,379	15.4%	-5.917	-0.180
Obesity	3,654	48.0%	8,194	53.1%	-5.040	-0.101
Peptic ulcer disease	32	0.4%	88	0.6%	-0.149	-0.021
Nicotine dependency	2,236	29.4%	5,550	35.9%	-6.554	-0.140
Hospitalized AMI (past 0-30 days)	337	4.4%	979	6.3%	-1.911	-0.085
Hospitalized AMI (past 31-183 days)	171	2.2%	435	2.8%	-0.570	-0.036
Coronary revascularization	887	11.7%	2,462	15.9%	-4.286	-0.125
Hospitalized heart failure	2,131	28.0%	4,673	30.3%	-2.255	-0.050
Outpatient heart failure	1,758	23.1%	3,930	25.4%	-2.346	-0.055
Other ischemic heart disease	2,842	37.3%	6,246	40.4%	-3.097	-0.064
Hospitalized stroke (past 0-30 days)	195	2.6%	420	2.7%	-0.157	-0.010
Hospitalized stroke (past 31-183 days)	84	1.1%	220	1.4%	-0.321	-0.029
Transient ischemic attack	588	7.7%	924	6.0%	1.744	0.069
Other medical conditions (falls, fractures,	2,139	28.1%	4,611	29.9%	-1.749	-0.039
syncope, walker use)	•		,			
Cardioversion	1,121	14.7%	2,402	15.6%	-0.822	-0.023
Cardioablation	217	2.9%	535	3.5%	-0.613	-0.035
Hospitalized for bleeding	42	0.6%	105	0.7%	-0.128	-0.016
Medical Product Use						
Estrogen replacement	240	3.2%	388	2.5%	0.641	0.039
H2-antagonist	268	3.5%	640	4.1%	-0.622	-0.032
NSAIDs	1,502	19.7%	3,005	19.5%	0.280	0.007
Proton pump inhibitors	1,831	24.1%	4,113	26.6%	-2.571	-0.059
SSRI antidepressants	1,213	15.9%	2,459	15.9%	0.018	0.000
Insulin	1,335	17.5%	2,700	17.5%	0.060	0.002
Metformin (Biguanide)	3,190	41.9%	6,160	39.9%	2.032	0.041
Sulfonylureas	1,117	14.7%	1,928	12.5%	2.194	0.064
Other diabetes medications	1,489	19.6%	3,206	20.8%	-1.193	-0.030
ACEI/ARB	5,244	68.9%	10,442	67.6%	1.297	0.028
Antiarrhythmics	2,169	28.5%	4,179	27.1%	1.443	0.032
Anti-coagulant (injectable)	897	11.8%	2,082	13.5%	-1.694	-0.051



Table 1q. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 3

		Medical		Covariate Balance		
	Rivaroxaban Users		Apixal	ban Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Anti-platelets	1,210	15.9%	3,084	20.0%	-4.069	-0.106
Beta-blockers	5,795	76.1%	12,017	77.8%	-1.660	-0.039
Calcium channel blockers	3,032	39.8%	6,270	40.6%	-0.756	-0.015
Digoxin	693	9.1%	1,067	6.9%	2.198	0.081
Diuretics (loop)	2,263	29.7%	4,954	32.1%	-2.340	-0.051
Diuretics (potassium sparing)	888	11.7%	2,060	13.3%	-1.670	-0.050
Diuretics (thiazide)	2,183	28.7%	4,095	26.5%	2.171	0.049
Nitrates	631	8.3%	1,510	9.8%	-1.486	-0.052
Statins	4,577	60.1%	9,697	62.8%	-2.644	-0.054
Fibrates	483	6.3%	973	6.3%	0.047	0.002
Amiodarone	960	12.6%	2,279	14.8%	-2.142	-0.062
Dronedarone	177	2.3%	217	1.4%	0.921	0.068
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	4,791	63.0%	9,196	59.5%	3.412	0.070
No ED encounters (past 31-183 days)	5,677	74.6%	11,302	73.2%	1.419	0.032
At least 1 ED encounter (past 0-30 days)	2,819	37.0%	6,248	40.5%	-3.412	-0.070
At least 2 ED encounters (past 0-30 days)	706	9.3%	1,726	11.2%	-1.899	-0.063
At least 1 ED encounter (past 31-183 days)	1,933	25.4%	4,142	26.8%	-1.419	-0.032
At least 2 ED encounters (past 31-183 days)	747	9.8%	1,625	10.5%	-0.706	-0.023

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1r. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 3

		Medical	Covaria	te Balance		
	Rivarox	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Weighted patients	7,597	N/A	15,417	N/A	N/A	N/A
Demographic Characteristics						
Age (years)	57.9	5.9	57.9	6.1	-0.048	-0.008
Age	225	40.69/	4.652	40.70/	0.440	0.004
21-49 years 50-64 years	806 6,792	10.6% 89.4%	1,653 13,764	10.7% 89.3%	-0.119 0.119	-0.004 0.004
Sex	0,792	09.4%	15,704	69.5%	0.119	0.004
Female	2,993	39.4%	6,066	39.3%	0.046	0.001
Male	4,604	60.6%	9,350	60.7%	-0.046	-0.001
Race ³	ŕ		•			
American Indian or Alaska Native	6	0.1%	21	0.1%	-0.048	-0.014
Asian	13	0.2%	37	0.2%	-0.071	-0.016
Black or African American	338	4.4%	757	4.9%	-0.465	-0.023
Native Hawaiian or Other Pacific Islander	7	0.1%	Z	0.2%	-0.082	-0.023
Unknown	5,802	76.4%	11,349	73.6%	2.752	0.104
White	1,404	18.5%	3,174	20.6%	-2.108	-0.072
Hispanic origin	C1	0.00/	111	0.70/	0.000	0.000
Yes No	61 1,246	0.8% 16.4%	111 2,889	0.7% 18.7%	0.080 -2.335	0.009 -0.138
Unknown	6,290	82.8%	2,869 12,417	80.5%	2.255	0.138
Year	0,230	02.070	12,717	00.570	2.233	0.127
2010	0	0.0%	0	0.0%	NaN	NaN
2011	4	0.1%	0	0.0%	NaN	NaN
2012	245	3.2%	0	0.0%	NaN	NaN
2013	608	8.0%	179	1.2%	6.843	0.332
2014	819	10.8%	520	3.4%	7.407	0.292
2015	808	10.6%	1,065	6.9%	3.729	0.132
2016	845	11.1%	1,533	9.9%	1.182	0.039
2017	991	13.0%	1,794	11.6%	1.406	0.043
2018	918	12.1%	2,084	13.5%	-1.432	-0.043
2019	809	10.6%	2,512	16.3%	-5.650	-0.166
2020	678	8.9%	2,509	16.3%	-7.357	-0.223
2021	752	9.9%	2,846	18.5%	-8.560	-0.248
2022	121	1.6%	375	2.4%	-0.842	-0.060
CHADSVASC						
mean, std	3.0	0.0	3.0	0.0	0.000	1.140
0	0	0.0%	0	0.0%	-	-
1	0	0.0%	0	0.0%	-	-
2	0	0.0%	0	0.0%	-	-
3	7,597	100.0%	15,417	100.0%	0.000	-



Table 1r. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 3

		Medical		Covariate Balance		
	Rivarox	aban Users	Apixal	ban Users		
		Percent/		Percent/	1	
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
4	0	0.0%	0	0.0%	-	-
>= 5	0	0.0%	0	0.0%	-	-
HASBLED						
mean, std	1.4	0.7	1.4	0.7	-0.003	-0.005
0	226	3.0%	456	3.0%	0.023	0.001
1	4,646	61.2%	9,427	61.1%	0.012	0.000
2	2,076	27.3%	4,214	27.3%	-0.006	-0.000
>= 3	648	8.5%	1,320	8.6%	-0.029	-0.001
Health Characteristics						
Diabetes	5,140	67.7%	10,493	68.1%	-0.410	-0.009
Hypercholesterolemia	2,679	35.3%	5,477	35.5%	-0.264	-0.006
Hypertension	7,261	95.6%	14,735	95.6%	-0.009	-0.000
Kidney failure (chronic)	916	12.1%	1,863	12.1%	-0.023	-0.001
Kidney failure (acute)	1,021	13.4%	2,070	13.4%	0.008	0.000
Obesity	3,903	51.4%	7,943	51.5%	-0.148	-0.003
Peptic ulcer disease	34	0.4%	76	0.5%	-0.051	-0.007
Nicotine dependency	2,546	33.5%	5,209	33.8%	-0.274	-0.006
Hospitalized AMI (past 0-30 days)	423	5.6%	877	5.7%	-0.116	-0.005
Hospitalized AMI (past 31-183 days)	203	2.7%	406	2.6%	0.035	0.002
Coronary revascularization	1,088	14.3%	2,241	14.5%	-0.215	-0.006
Hospitalized heart failure	2,229	29.3%	4,537	29.4%	-0.087	-0.002
Outpatient heart failure	1,855	24.4%	3,812	24.7%	-0.304	-0.007
Other ischemic heart disease	2,970	39.1%	6,082	39.5%	-0.357	-0.007
Hospitalized stroke (past 0-30 days)	203	2.7%	408	2.6%	0.034	0.002
Hospitalized stroke (past 31-183 days)	105	1.4%	202	1.3%	0.073	0.006
Transient ischemic attack	503	6.6%	1,009	6.5%	0.075	0.003
Other medical conditions (falls, fractures,	2,205	29.0%	4,521	29.3%	-0.294	-0.006
syncope, walker use)						
Cardioversion	1,157	15.2%	2,347	15.2%	0.001	0.000
Cardioablation	247	3.2%	501	3.2%	-0.002	-0.000
Hospitalized for bleeding	51	0.7%	92	0.6%	0.078	0.010
Medical Product Use						
Estrogen replacement	210	2.8%	419	2.7%	0.048	0.003
H2-antagonist	291	3.8%	608	3.9%	-0.118	-0.006
NSAIDs	1,488	19.6%	3,015	19.6%	0.024	0.001
Proton pump inhibitors	1,938	25.5%	3,984	25.8%	-0.332	-0.008
SSRI antidepressants	1,214	16.0%	2,475	16.1%	-0.074	-0.002
Insulin	1,322	17.4%	2,696	17.5%	-0.090	-0.002
Metformin (Biguanide)	3,078	40.5%	6,252	40.6%	-0.043	-0.001
Sulfonylureas	989	13.0%	2,029	13.2%	-0.151	-0.004
Other diabetes medications	1,548	20.4%	3,136	20.3%	0.026	0.001
ACEI/ARB	5,171	68.1%	10,496	68.1%	-0.016	-0.000



Table 1r. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 3

		Medical	Product		Covariate Balance	
	Rivaroxa	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Antiarrhythmics	2,087	27.5%	4,244	27.5%	-0.053	-0.001
Anti-coagulant (injectable)	980	12.9%	1,989	12.9%	-0.010	-0.000
Anti-platelets	1,421	18.7%	2,872	18.6%	0.072	0.002
Beta-blockers	5,856	77.1%	11,911	77.3%	-0.183	-0.004
Calcium channel blockers	3,063	40.3%	6,226	40.4%	-0.066	-0.001
Digoxin	566	7.5%	1,171	7.6%	-0.143	-0.005
Diuretics (loop)	2,357	31.0%	4,834	31.4%	-0.328	-0.007
Diuretics (potassium sparing)	970	12.8%	1,972	12.8%	-0.021	-0.001
Diuretics (thiazide)	2,070	27.2%	4,197	27.2%	0.019	0.000
Nitrates	695	9.2%	1,436	9.3%	-0.159	-0.006
Statins	4,687	61.7%	9,558	62.0%	-0.306	-0.006
Fibrates	473	6.2%	974	6.3%	-0.093	-0.004
Amiodarone	1,064	14.0%	2,166	14.0%	-0.044	-0.001
Dronedarone	126	1.7%	262	1.7%	-0.036	-0.003
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	4,634	61.0%	9,368	60.8%	0.226	0.005
No ED encounters (past 31-183 days)	5,588	73.5%	11,346	73.6%	-0.048	-0.001
At least 1 ED encounter (past 0-30 days)	2,964	39.0%	6,049	39.2%	-0.226	-0.005
At least 2 ED encounters (past 0-30 days)	792	10.4%	1,625	10.5%	-0.119	-0.004
At least 1 ED encounter (past 31-183 days)	2,010	26.5%	4,071	26.4%	0.048	0.001
At least 2 ED encounters (past 31-183 days)	784	10.3%	1,594	10.3%	-0.019	-0.001

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1s. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 4

	1, 2223	Medical	Covariate Balance			
	Pivarov	aban Users		oan Users		
	Rivarox	Percent/	Аріхаі	Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Unique patients	3,118	100.0%	8,033	100.0%	N/A	N/A
Demographic Characteristics	-, -		-,		,	,
Age (years)	57.9	5.8	58.2	5.8	-0.330	-0.057
Age						
21-49 years	316	10.1%	749	9.3%	0.811	0.027
50-64 years	2,802	89.9%	7,284	90.7%	-0.811	-0.027
Sex						
Female	1,618	51.9%	3,886	48.4%	3.517	0.070
Male	1,500	48.1%	4,147	51.6%	-3.517	-0.070
Race ³						
American Indian or Alaska Native	2	0.1%	15	0.2%	-0.123	-0.035
Asian	8	0.3%	15	0.2%	0.070	0.015
Black or African American	207	6.6%	581	7.2%	-0.594	-0.023
Native Hawaiian or Other Pacific Islander	7	0.2%	Z	0.2%	-0.024	-0.005
Unknown	2,184	70.0%	5,266	65.6%	4.490	0.096
White	700	22.5%	2,110	26.3%	-3.816	-0.089
Hispanic origin	22	0.70/	62	0.00/	0.000	0.000
Yes	22 727	0.7%	62	0.8%	-0.066	-0.008
No Unknown	2,369	23.3% 76.0%	2,158 5,813	26.9% 72.4%	-3.548 3.614	-0.082 0.083
	2,309	76.0%	3,613	72.4%	5.014	0.065
Year		2.22/	•	0.00/		
2010	0	0.0%	0	0.0%	NaN	NaN
2011	1	0.0%	0	0.0%	NaN	NaN
2012	74	2.4%	0	0.0%	NaN	NaN
2013	196	6.3%	50	0.6%	5.664	0.314
2014	290	9.3%	143	1.8%	7.521	0.333
2015	272	8.7%	370	4.6%	4.118	0.166
2016	378	12.1%	768	9.6%	2.563	0.082
2017	430	13.8%	960	12.0%	1.840	0.055
2018	413	13.2%	1,070	13.3%	-0.074	-0.002
2019	339	10.9%	1,334	16.6%	-5.734	-0.167
2020	326	10.5%	1,405	17.5%	-7.035	-0.204
2021	346	11.1%	1,695	21.1%	-10.004	-0.275
2022	53	1.7%	238	3.0%	-1.263	-0.084
CHADSVASC						
mean, std	4.0	0.0	4.0	0.0	0.000	-
0	0	0.0%	0	0.0%	-	-
1	0	0.0%	0	0.0%	-	-
2	0	0.0%	0	0.0%	-	-
3	0	0.0%	0 8 033	0.0%	-	-
4	3,118	100.0%	8,033	100.0%	0.000	-



Table 1s. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 4

		Medical	Covariate Balance			
	Rivaroxa	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
>= 5	0	0.0%	0	0.0%	-	-
HASBLED						
mean, std	1.5	0.7	1.7	0.8	-0.170	-0.225
0	30	1.0%	59	0.7%	0.228	0.025
1	1,756	56.3%	3,758	46.8%	9.536	0.192
2	994	31.9%	2,853	35.5%	-3.637	-0.077
>= 3	338	10.8%	1,363	17.0%	-6.127	-0.178
Health Characteristics			,			
Diabetes	2,541	81.5%	6,549	81.5%	-0.032	-0.001
Hypercholesterolemia	1,154	37.0%	3,164	39.4%	-2.377	-0.049
Hypertension	3,054	97.9%	7,909	98.5%	-0.509	-0.038
Kidney failure (chronic)	444	14.2%	1,865	23.2%	-8.977	-0.232
Kidney failure (acute)	483	15.5%	2,051	25.5%	-10.041	-0.251
Obesity	1,750	56.1%	4,786	59.6%	-3.454	-0.070
Peptic ulcer disease	13	0.4%	68	0.8%	-0.430	-0.054
Nicotine dependency	1,112	35.7%	3,250	40.5%	-4.794	-0.099
Hospitalized AMI (past 0-30 days)	241	7.7%	782	9.7%	-2.006	-0.071
Hospitalized AMI (past 31-183 days)	144	4.6%	459	5.7%	-1.096	-0.050
Coronary revascularization	575	18.4%	1,880	23.4%	-4.962	-0.122
Hospitalized heart failure	1,488	47.7%	4,279	53.3%	-5.545	-0.111
Outpatient heart failure	1,157	37.1%	3,345	41.6%	-4.534	-0.093
Other ischemic heart disease	1,486	47.7%	4,132	51.4%	-3.779	-0.076
Hospitalized stroke (past 0-30 days)	178	5.7%	435	5.4%	0.294	0.013
Hospitalized stroke (past 31-183 days)	86	2.8%	259	3.2%	-0.466	-0.027
Transient ischemic attack	500	16.0%	914	11.4%	4.658	0.136
Other medical conditions (falls, fractures,	1,110	35.6%	2,992	37.2%	-1.647	-0.034
syncope, walker use)						
Cardioversion	503	16.1%	1,274	15.9%	0.273	0.007
Cardioablation	129	4.1%	288	3.6%	0.552	0.029
Hospitalized for bleeding	22	0.7%	85	1.1%	-0.353	-0.038
Medical Product Use						
Estrogen replacement	82	2.6%	219	2.7%	-0.096	-0.006
H2-antagonist	150	4.8%	434	5.4%	-0.592	-0.027
NSAIDs	609	19.5%	1,543	19.2%	0.323	0.008
Proton pump inhibitors	866	27.8%	2,548	31.7%	-3.945	-0.086
SSRI antidepressants	584	18.7%	1,638	20.4%	-1.661	-0.042
Insulin	890	28.5%	2,423	30.2%	-1.619	-0.036
Metformin (Biguanide)	1,432	45.9%	3,678	45.8%	0.141	0.003
Sulfonylureas	539	17.3%	1,257	15.6%	1.639	0.044
Other diabetes medications	712	22.8%	2,109	26.3%	-3.419	-0.080
ACEI/ARB	2,252	72.2%	5,718	71.2%	1.044	0.023
	000	29.2%	2,389	29.7%	-0.587	-0.013
Antiarrhythmics	909	25.270	2,303	23.770	-0.367	-0.013



Table 1s. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 4

		Medical	Covariate Balance			
	Rivaroxaban Users		Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Anti-platelets	718	23.0%	2,179	27.1%	-4.098	-0.095
Beta-blockers	2,432	78.0%	6,530	81.3%	-3.291	-0.082
Calcium channel blockers	1,167	37.4%	3,301	41.1%	-3.665	-0.075
Digoxin	302	9.7%	638	7.9%	1.743	0.062
Diuretics (loop)	1,277	41.0%	3,733	46.5%	-5.515	-0.111
Diuretics (potassium sparing)	514	16.5%	1,494	18.6%	-2.113	-0.056
Diuretics (thiazide)	849	27.2%	2,197	27.3%	-0.121	-0.003
Nitrates	362	11.6%	1,150	14.3%	-2.706	-0.081
Statins	2,098	67.3%	5,860	72.9%	-5.662	-0.124
Fibrates	184	5.9%	524	6.5%	-0.622	-0.026
Amiodarone	524	16.8%	1,528	19.0%	-2.216	-0.058
Dronedarone	42	1.3%	96	1.2%	0.152	0.014
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	1,782	57.2%	4,260	53.0%	4.121	0.083
No ED encounters (past 31-183 days)	2,001	64.2%	5,042	62.8%	1.410	0.029
At least 1 ED encounter (past 0-30 days)	1,336	42.8%	3,773	47.0%	-4.121	-0.083
At least 2 ED encounters (past 0-30 days)	409	13.1%	1,238	15.4%	-2.294	-0.066
At least 1 ED encounter (past 31-183 days)	1,117	35.8%	2,991	37.2%	-1.410	-0.029
At least 2 ED encounters (past 31-183 days)	505	16.2%	1,379	17.2%	-0.970	-0.026

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1t. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 4

		Medical		Covariate Balance		
	Rivarox	aban Users		oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Weighted patients	3,130	N/A	7,935	N/A	N/A	N/A
Demographic Characteristics						
Age (years)	58.0	5.7	58.2	5.8	-0.165	-0.028
Age						
21-49 years	307	9.8%	755	9.5%	0.295	0.010
50-64 years	2,823	90.2%	7,180	90.5%	-0.295	-0.010
Sex	4.500	40.00/	2.042	40.20/	0.542	0.044
Female	1,560	49.9%	3,913	49.3%	0.542	0.011
Male Race ³	1,570	50.1%	4,022	50.7%	-0.542	-0.011
American Indian or Alaska Native	2	0.10/	1.4	0.20/	0.121	0.020
Asian	2 8	0.1% 0.3%	14 15	0.2% 0.2%	-0.131 0.070	-0.038 0.015
Black or African American	200	6.4%	564	7.1%	-0.704	-0.030
Native Hawaiian or Other Pacific Islander	6	0.4%	Z	0.3%	-0.062	-0.030
Unknown	2,162	69.1%	5,225	65.8%	3.233	0.123
White	742	23.7%	2,072	26.1%	-2.403	-0.076
Hispanic origin			,			
Yes	22	0.7%	60	0.8%	-0.053	-0.006
No	739	23.6%	2,135	26.9%	-3.297	-0.191
Unknown	2,369	75.7%	5,740	72.3%	3.349	0.188
Year						
2010	0	0.0%	0	0.0%	NaN	NaN
2011	2	0.1%	0	0.0%	NaN	NaN
2012	59	1.9%	0	0.0%	NaN	NaN
2013	186	5.9%	54	0.7%	5.264	0.297
2014	264	8.4%	151	1.9%	6.516	0.298
2015	263	8.4%	387	4.9%	3.521	0.142
2016	355	11.3%	787	9.9%	1.430	0.046
2017	443	14.2%	966	12.2%	1.989	0.059
2018	413	13.2%	1,060	13.4%	-0.157	-0.005
2019	364	11.6%	1,300	16.4%	-4.757	-0.137
2020	361	11.5%	1,359	17.1%	-5.600	-0.160
2021	363	11.6%	1,643	20.7%	-9.095	-0.250
2022	57	1.8%	229	2.9%	-1.062	-0.070
CHADSVASC						
mean, std	4.0	0.0	4.0	0.0	0.000	-
0	0	0.0%	0	0.0%	-	-
1	0	0.0%	0	0.0%	-	-
2	0	0.0%	0	0.0%	-	-
3	0	0.0%	0	0.0%	-	-



Table 1t. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 4

the Sentiner Distributed Database from Octo		•	Product		Covariate Balance	
	Rivarox	aban Users	Apixal	ban Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
4	3,130	100.0%	7,935	100.0%	0.000	-
>= 5	0	0.0%	0	0.0%	-	-
HASBLED						
mean, std	1.6	0.8	1.7	0.8	-0.012	-0.015
0	25	0.8%	63	0.8%	0.019	0.002
1	1,571	50.2%	3,952	49.8%	0.376	0.008
2	1,075	34.4%	2,740	34.5%	-0.178	-0.004
>= 3	459	14.7%	1,180	14.9%	-0.217	-0.006
Health Characteristics						
Diabetes	2,546	81.3%	6,483	81.7%	-0.365	-0.009
Hypercholesterolemia	1,221	39.0%	3,080	38.8%	0.194	0.004
Hypertension	3,079	98.4%	7,803	98.3%	0.025	0.002
Kidney failure (chronic)	628	20.1%	1,626	20.5%	-0.415	-0.010
Kidney failure (acute)	692	22.1%	1,773	22.3%	-0.244	-0.006
Obesity	1,846	59.0%	4,669	58.8%	0.154	0.003
Peptic ulcer disease	19	0.6%	40	0.5%	0.114	0.015
Nicotine dependency	1,233	39.4%	3,114	39.2%	0.146	0.003
Hospitalized AMI (past 0-30 days)	274	8.8%	725	9.1%	-0.382	-0.013
Hospitalized AMI (past 31-183 days)	172	5.5%	429	5.4%	0.085	0.004
Coronary revascularization	685	21.9%	1,753	22.1%	-0.201	-0.005
Hospitalized heart failure	1,608	51.4%	4,101	51.7%	-0.322	-0.006
Outpatient heart failure	1,249	39.9%	3,219	40.6%	-0.680	-0.014
Other ischemic heart disease	1,560	49.8%	4,010	50.5%	-0.704	-0.014
Hospitalized stroke (past 0-30 days)	171	5.5%	431	5.4%	0.021	0.001
Hospitalized stroke (past 31-183 days)	97	3.1%	240	3.0%	0.063	0.004
Transient ischemic attack	397	12.7%	1,002	12.6%	0.072	0.002
Other medical conditions (falls, fractures,	1,146	36.6%	2,931	36.9%	-0.305	-0.006
syncope, walker use)						
Cardioversion	514	16.4%	1,268	16.0%	0.428	0.012
Cardioablation	117	3.7%	299	3.8%	-0.034	-0.002
Hospitalized for bleeding	31	1.0%	70	0.9%	0.096	0.010
Medical Product Use						
Estrogen replacement	87	2.8%	214	2.7%	0.089	0.005
H2-antagonist	169	5.4%	412	5.2%	0.205	0.009
NSAIDs	618	19.8%	1,540	19.4%	0.339	0.009
Proton pump inhibitors	945	30.2%	2,421	30.5%	-0.319	-0.007
SSRI antidepressants	627	20.0%	1,583	20.0%	0.081	0.002
Insulin	921	29.4%	2,362	29.8%	-0.353	-0.008
Metformin (Biguanide)	1,427	45.6%	3,644	45.9%	-0.317	-0.006
Sulfonylureas	489	15.6%	1,273	16.0%	-0.431	-0.012
Other diabetes medications	780	24.9%	1,998	25.2%	-0.265	-0.006
ACEI/ARB	2,239	71.5%	5,689	71.7%	-0.172	-0.004



Table 1t. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 4

		Medical	Covariate Balance			
	Rivaroxa	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Antiarrhythmics	919	29.4%	2,335	29.4%	-0.070	-0.002
Anti-coagulant (injectable)	443	14.2%	1,141	14.4%	-0.217	-0.006
Anti-platelets	815	26.0%	2,053	25.9%	0.154	0.004
Beta-blockers	2,513	80.3%	6,385	80.5%	-0.189	-0.005
Calcium channel blockers	1,251	40.0%	3,173	40.0%	-0.026	-0.001
Digoxin	256	8.2%	672	8.5%	-0.278	-0.010
Diuretics (loop)	1,385	44.3%	3,573	45.0%	-0.760	-0.016
Diuretics (potassium sparing)	566	18.1%	1,433	18.1%	0.031	0.001
Diuretics (thiazide)	856	27.3%	2,173	27.4%	-0.051	-0.001
Nitrates	427	13.6%	1,077	13.6%	0.077	0.002
Statins	2,219	70.9%	5,666	71.4%	-0.525	-0.012
Fibrates	190	6.1%	500	6.3%	-0.242	-0.010
Amiodarone	565	18.0%	1,446	18.2%	-0.173	-0.004
Dronedarone	37	1.2%	97	1.2%	-0.047	-0.004
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	1,684	53.8%	4,312	54.3%	-0.555	-0.013
No ED encounters (past 31-183 days)	1,974	63.1%	5,013	63.2%	-0.110	-0.002
At least 1 ED encounter (past 0-30 days)	1,446	46.2%	3,623	45.7%	0.555	0.013
At least 2 ED encounters (past 0-30 days)	461	14.7%	1,166	14.7%	0.042	0.001
At least 1 ED encounter (past 31-183 days)	1,156	36.9%	2,922	36.8%	0.110	0.002
At least 2 ED encounters (past 31-183 days)	526	16.8%	1,340	16.9%	-0.069	-0.002

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin receptor blocker.

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1u. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 5+

		Medical	Covariate Balance			
	Rivarox	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Unique patients	908	100.0%	2,875	100.0%	N/A	N/A
Demographic Characteristics						
Age (years)	58.6	5.7	58.7	5.6	-0.061	-0.011
Age						
21-49 years	76	8.4%	240	8.3%	0.022	0.001
50-64 years	832	91.6%	2,635	91.7%	-0.022	-0.001
Sex	CE C	72.20/	2.457	75.00/	2.770	0.063
Female	656	72.2%	2,157	75.0%	-2.779 2.770	-0.063
Male	252	27.8%	718	25.0%	2.779	0.063
Race ³ American Indian or Alaska Native	1	0.1%	4	0.1%	-0.029	-0.008
Asian	3	0.1%	6	0.1%	0.122	0.023
Black or African American	88	9.7%	344	12.0%	-2.274	-0.073
Native Hawaiian or Other Pacific Islander	6	0.7%	Z	0.2%	0.487	0.076
Unknown	585	64.4%	1,663	57.8%	6.584	0.135
White	224	24.7%	846	29.4%	-4.756	-0.107
Hispanic origin						
Yes	6	0.7%	32	1.1%	-0.452	-0.048
No	268	29.5%	955	33.2%	-3.702	-0.080
Unknown	634	69.8%	1,888	65.7%	4.154	0.089
Year						
2010	0	0.0%	0	0.0%	NaN	NaN
2011	0	0.0%	0	0.0%	NaN	NaN
2012	24	2.6%	0	0.0%	NaN	NaN
2013	53	5.8%	15	0.5%	5.315	0.306
2014	70	7.7%	60	2.1%	5.622	0.263
2015	66	7.3%	129	4.5%	2.782	0.118
2016	116	12.8%	278	9.7%	3.106	0.099
2017	125		278	9.7%	4.062	0.126
		13.8%				
2018	127	14.0%	382	13.3%	0.700	0.020
2019	100	11.0%	429	14.9%	-3.909	-0.117
2020	105	11.6%	568	19.8%	-8.193	-0.227
2021	106	11.7%	649	22.6%	-10.900	-0.292
2022	16	1.8%	86	3.0%	-1.229	-0.081
CHADSVASC						
mean, std	5.3	0.5	5.3	0.5	-0.027	-0.051
0	0	0.0%	0	0.0%	-	-
1	0	0.0%	0	0.0%	-	-
2	0	0.0%	0	0.0%	-	-
3	0	0.0%	0	0.0%	-	-
4	0	0.0%	0	0.0%	-	-



Table 1u. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 5+

		Medical	Covariate Balance				
	Rivarox	aban Users		oan Users			
		Percent/		Percent/			
	Number/	Standard	Number/	Standard	Absolute	Standardized	
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference	
>= 5	908	100.0%	2,875	100.0%	0.000	-	
HASBLED			,				
mean, std	1.8	0.8	2.0	0.9	-0.181	-0.214	
0	3	0.3%	7	0.2%	0.087	0.016	
1	376	41.4%	919	32.0%	9.444	0.197	
2	343	37.8%	1,174	40.8%	-3.059	-0.063	
>= 3	186	20.5%	775	27.0%	-6.472	-0.153	
Health Characteristics		20.370	,,,,	27.070	0.172	0.133	
Diabetes	807	88.9%	2,545	88.5%	0.355	0.011	
Hypercholesterolemia	374	41.2%	1,267	44.1%	-2.880	-0.058	
Hypertension	903	99.4%	2,862	99.5%	-0.098	-0.014	
Kidney failure (chronic)	182	20.0%	783	27.2%	-7.191	-0.170	
Kidney failure (acute)	193	21.3%	905	31.5%	-10.223	-0.234	
Obesity	506	55.7%	1,786	62.1%	-6.395	-0.130	
Peptic ulcer disease	5	0.6%	38	1.3%	-0.771	-0.080	
Nicotine dependency	370	40.7%	1,284	44.7%	-3.912	-0.079	
Hospitalized AMI (past 0-30 days)	65	7.2%	263	9.1%	-1.989	-0.073	
Hospitalized AMI (past 31-183 days)	44	4.8%	190	6.6%	-1.763	-0.076	
Coronary revascularization	190	20.9%	732	25.5%	-4.536	-0.108	
Hospitalized heart failure	528	58.1%	1,860	64.7%	-6.546	-0.135	
Outpatient heart failure	430	47.4%	1,388	48.3%	-0.921	-0.018	
Other ischemic heart disease	498	54.8%	1,584	55.1%	-0.250	-0.005	
Hospitalized stroke (past 0-30 days)	142	15.6%	466	16.2%	-0.570	-0.016	
Hospitalized stroke (past 31-183 days)	94	10.4%	335	11.7%	-1.300	-0.042	
Transient ischemic attack	370	40.7%	1,002	34.9%	5.897	0.122	
Other medical conditions (falls, fractures,	348	38.3%	1,174	40.8%	-2.509	-0.051	
syncope, walker use)	340	30.370	1,174	40.070	2.303	0.031	
Cardioversion	92	10.1%	298	10.4%	-0.233	-0.008	
Cardioablation	23	2.5%	69	2.4%	0.133	0.009	
Hospitalized for bleeding	8	0.9%	45	1.6%	-0.684	-0.062	
Medical Product Use		0.070		2.0,0	0.00	0.002	
Estrogen replacement	28	3.1%	80	2.8%	0.301	0.018	
H2-antagonist	58	6.4%	194	6.7%	-0.360	-0.015	
NSAIDs	191	21.0%	533	18.5%	2.496	0.063	
Proton pump inhibitors	313	34.5%	1,045	36.3%	-1.876	-0.039	
SSRI antidepressants	230	25.3%	746	25.9%	-0.617	-0.014	
Insulin	328	36.1%	1,121	39.0%	-2.868	-0.059	
Metformin (Biguanide)	442	48.7%	1,250	43.5%	5.200	0.104	
Sulfonylureas	165	18.2%	466	16.2%	1.963	0.052	
Other diabetes medications	225	24.8%	737	25.6%	-0.855	-0.020	
ACEI/ARB	669	73.7%	2,069	72.0%	1.713	0.039	
Antiarrhythmics	235	25.9%	763	26.5%	-0.658	-0.015	
Anti-coagulant (injectable)	136	15.0%	502	17.5%	-2.483	-0.067	
Joapaiant (mjestable)	100	13.070	302	17.370	2.400	0.007	



Table 1u. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 5+

		Medical		Covariate Balance		
	Rivaroxa	aban Users	Apixal	an Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Anti-platelets	278	30.6%	1,018	35.4%	-4.792	-0.102
Beta-blockers	712	78.4%	2,343	81.5%	-3.082	-0.077
Calcium channel blockers	377	41.5%	1,214	42.2%	-0.706	-0.014
Digoxin	96	10.6%	205	7.1%	3.442	0.121
Diuretics (loop)	425	46.8%	1,466	51.0%	-4.185	-0.084
Diuretics (potassium sparing)	157	17.3%	549	19.1%	-1.805	-0.047
Diuretics (thiazide)	248	27.3%	786	27.3%	-0.026	-0.001
Nitrates	134	14.8%	493	17.1%	-2.390	-0.065
Statins	697	76.8%	2,285	79.5%	-2.716	-0.066
Fibrates	51	5.6%	185	6.4%	-0.818	-0.034
Amiodarone	141	15.5%	497	17.3%	-1.758	-0.047
Dronedarone	10	1.1%	24	0.8%	0.267	0.027
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	469	51.7%	1,385	48.2%	3.478	0.070
No ED encounters (past 31-183 days)	482	53.1%	1,519	52.8%	0.249	0.005
At least 1 ED encounter (past 0-30 days)	439	48.3%	1,490	51.8%	-3.478	-0.070
At least 2 ED encounters (past 0-30 days)	162	17.8%	534	18.6%	-0.733	-0.019
At least 1 ED encounter (past 31-183 days)	426	46.9%	1,356	47.2%	-0.249	-0.005
At least 2 ED encounters (past 31-183 days)	215	23.7%	726	25.3%	-1.574	-0.037

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1v. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 5+

		Medical		Covariate Balance		
	Rivarox	aban Users		ban Users		
	- Rivarox	Percent/	Аріхал	Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Weighted patients	918	N/A	2,677	N/A	N/A	N/A
Demographic Characteristics						
Age (years)	58.6	5.8	58.7	5.6	-0.105	-0.018
Age						
21-49 years	75	8.1%	234	8.8%	-0.639	-0.023
50-64 years	844	91.9%	2,442	91.2%	0.639	0.023
Sex	604	74.40/	4.074	72.00/	0.600	0.046
Female Male	684 225	74.4%	1,974	73.8%	0.689 -0.689	0.016
Race ³	235	25.6%	703	26.2%	-0.089	-0.016
American Indian or Alaska Native	1	0.1%	4	0.2%	-0.090	-0.027
Asian	1 3	0.1%	4 8	0.2%	-0.090	-0.027
Black or African American	89	9.6%	311	11.6%	-1.990	-0.003
Native Hawaiian or Other Pacific Islander	6	0.6%	Z	0.2%	0.412	0.066
Unknown	605	65.9%	1,561	58.3%	7.543	0.295
White	215	23.4%	781	29.2%	-5.755	-0.172
Hispanic origin						
Yes	5	0.5%	33	1.3%	-0.756	-0.082
No	259	28.2%	884	33.0%	-4.836	-0.304
Unknown	655	71.3%	1,760	65.7%	5.592	0.348
Year						
2010	0	0.0%	0	0.0%	NaN	NaN
2011	0	0.0%	0	0.0%	NaN	NaN
2012	18	2.0%	0	0.0%	NaN	NaN
2013	52	5.7%	14	0.5%	5.189	0.301
2014	60	6.5%	58	2.2%	4.319	0.213
2015	59	6.4%	120	4.5%	1.955	0.086
2016	127	13.8%	261	9.7%	4.048	0.126
2017	136	14.8%	281	10.5%	4.334	0.132
2018	133	14.5%	345	12.9%	1.595	0.046
2019	103	11.2%	392	14.6%	-3.420	-0.102
2020	106	11.5%	522	19.5%	-7.970	-0.221
2021	112	12.1%	602	22.5%	-10.322	-0.276
2022	12	1.3%	82	3.0%	-1.703	-0.116
CHADSVASC						
mean, std	5.3	0.5	5.3	0.5	-0.020	-0.037
0	0	0.0%	0	0.0%	-	-
1	0	0.0%	0	0.0%	-	-
2	0	0.0%	0	0.0%	-	-
3	0	0.0%	0	0.0%	-	-



Table 1v. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 5+

		Medical		Covaria	te Balance	
	Rivarox	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
4	0	0.0%	0	0.0%	-	-
>= 5	918	100.0%	2,677	100.0%	0.000	-
HASBLED						
mean, std	1.9	0.8	1.9	0.9	-0.024	-0.029
0	1	0.2%	4	0.2%	0.008	0.002
1	329	35.8%	945	35.3%	0.496	0.010
2	373	40.7%	1,080	40.3%	0.338	0.007
>= 3	215	23.4%	648	24.2%	-0.842	-0.020
Health Characteristics						
Diabetes	808	88.0%	2,356	88.0%	-0.071	-0.002
Hypercholesterolemia	396	43.2%	1,162	43.4%	-0.233	-0.005
Hypertension	915	99.6%	2,667	99.6%	-0.019	-0.003
Kidney failure (chronic)	221	24.0%	662	24.7%	-0.673	-0.016
Kidney failure (acute)	253	27.6%	742	27.7%	-0.171	-0.004
Obesity	558	60.8%	1,608	60.1%	0.691	0.014
Peptic ulcer disease	6	0.7%	11	0.4%	0.265	0.036
Nicotine dependency	384	41.8%	1,180	44.1%	-2.241	-0.046
Hospitalized AMI (past 0-30 days)	84	9.2%	232	8.7%	0.544	0.019
Hospitalized AMI (past 31-183 days)	49	5.3%	147	5.5%	-0.191	-0.008
Coronary revascularization	222	24.1%	641	23.9%	0.212	0.005
Hospitalized heart failure	572	62.3%	1,657	61.9%	0.406	0.008
Outpatient heart failure	435	47.4%	1,289	48.2%	-0.756	-0.016
Other ischemic heart disease	491	53.5%	1,465	54.7%	-1.214	-0.025
Hospitalized stroke (past 0-30 days)	152	16.6%	452	16.9%	-0.301	-0.008
Hospitalized stroke (past 31-183 days)	100	10.9%	293	11.0%	-0.035	-0.001
Transient ischemic attack	348	37.9%	986	36.8%	1.104	0.023
Other medical conditions (falls, fractures,	366	39.9%	1,093	40.8%	-0.972	-0.020
syncope, walker use)						
Cardioversion	103	11.2%	275	10.3%	0.917	0.030
Cardioablation	19	2.0%	60	2.2%	-0.198	-0.014
Hospitalized for bleeding	10	1.1%	27	1.0%	0.096	0.009
Medical Product Use						
Estrogen replacement	25	2.8%	71	2.6%	0.110	0.007
H2-antagonist	60	6.6%	169	6.3%	0.228	0.009
NSAIDs	172	18.7%	509	19.0%	-0.285	-0.007
Proton pump inhibitors	313	34.1%	959	35.8%	-1.730	-0.037
SSRI antidepressants	236	25.7%	702	26.2%	-0.528	-0.012
Insulin	337	36.7%	996	37.2%	-0.502	-0.010
Metformin (Biguanide)	410	44.6%	1,210	45.2%	-0.586	-0.012
Sulfonylureas	149	16.3%	442	16.5%	-0.255	-0.007
Other diabetes medications	233	25.3%	668	24.9%	0.404	0.009
ACEI/ARB	660	71.9%	1,956	73.1%	-1.180	-0.026



Table 1v. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, CHADSVASC: 5+

		Medical		Covariate Balance		
	Rivaroxaban Users		Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Antiarrhythmics	242	26.3%	701	26.2%	0.110	0.003
Anti-coagulant (injectable)	152	16.6%	439	16.4%	0.166	0.005
Anti-platelets	321	35.0%	901	33.7%	1.305	0.027
Beta-blockers	739	80.5%	2,161	80.7%	-0.255	-0.006
Calcium channel blockers	376	41.0%	1,118	41.8%	-0.773	-0.016
Digoxin	71	7.7%	220	8.2%	-0.550	-0.020
Diuretics (loop)	444	48.3%	1,315	49.1%	-0.796	-0.016
Diuretics (potassium sparing)	167	18.2%	491	18.3%	-0.176	-0.005
Diuretics (thiazide)	245	26.7%	745	27.8%	-1.125	-0.025
Nitrates	143	15.5%	425	15.9%	-0.320	-0.009
Statins	721	78.5%	2,115	79.0%	-0.461	-0.011
Fibrates	51	5.5%	156	5.8%	-0.290	-0.012
Amiodarone	149	16.2%	449	16.8%	-0.537	-0.014
Dronedarone	7	0.8%	19	0.7%	0.036	0.004
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	466	50.8%	1,307	48.8%	1.964	0.046
No ED encounters (past 31-183 days)	484	52.7%	1,414	52.8%	-0.117	-0.002
At least 1 ED encounter (past 0-30 days)	452	49.2%	1,370	51.2%	-1.964	-0.046
At least 2 ED encounters (past 0-30 days)	165	18.0%	497	18.6%	-0.555	-0.015
At least 1 ED encounter (past 31-183 days)	434	47.3%	1,263	47.2%	0.117	0.002
At least 2 ED encounters (past 31-183 days)	216	23.5%	664	24.8%	-1.326	-0.032

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1w. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 0

	, ==== (Medical	Covariate Balance			
	Pivarov	aban Users		ban Users		
	Rivarox	Percent/	Apixai	Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Unique patients	15,504	100.0%	21,701	100.0%	N/A	N/A
Demographic Characteristics			, -		,	,
Age (years)	54.0	8.8	54.7	8.6	-0.675	-0.078
Age						
21-49 years	4,000	25.8%	5,183	23.9%	1.916	0.044
50-64 years	11,504	74.2%	16,518	76.1%	-1.916	-0.044
Sex						
Female	3,751	24.2%	6,333	29.2%	-4.989	-0.113
Male	11,753	75.8%	15,368	70.8%	4.989	0.113
Race ³						
American Indian or Alaska Native	9	0.1%	10	0.0%	0.012	0.005
Asian	25	0.2%	45	0.2%	-0.046	-0.011
Black or African American	111	0.7%	132	0.6%	0.108	0.013
Native Hawaiian or Other Pacific Islander	3	0.0%	Z	0.0%	-0.008	-0.005
Unknown	13,754	88.7%	19,140	88.2%	0.514	0.016
White	1,554	10.0%	2,285	10.5%	-0.506	-0.017
Hispanic origin	Ε0	0.40/	105	0.50/	0.110	0.017
Yes No	58 494	0.4% 3.2%	105 842	0.5% 3.9%	-0.110 -0.694	-0.017 -0.038
Unknown	494 14,952	96.4%	20,754	95.6%	0.803	0.038
	14,932	30.476	20,734	95.0%	0.803	0.041
Year	0	0.00/	•	0.00/		
2010	0	0.0%	0	0.0%	NaN	NaN
2011	10	0.1%	0	0.0%	NaN	NaN
2012	851	5.5%	0	0.0%	NaN	NaN
2013	1,738	11.2%	366	1.7%	9.523	0.395
2014	2,054	13.2%	968	4.5%	8.788	0.313
2015	1,898	12.2%	1,759	8.1%	4.136	0.137
2016	1,684	10.9%	2,168	10.0%	0.871	0.029
2017	1,675	10.8%	2,524	11.6%	-0.827	-0.026
2018	1,632	10.5%	3,056	14.1%	-3.556	-0.108
2019	1,371	8.8%	3,210	14.8%	-5.949	-0.185
2020	1,150	7.4%	3,397	15.7%	-8.236	-0.260
2021	1,205	7.8%	3,763	17.3%	-9.568	-0.292
2022	236	1.5%	490	2.3%	-0.736	-0.054
CHADSVASC		0 -	0 -	. –	0.555	0 :
mean, std	0.5	0.7	0.5	0.7	-0.086	-0.120
0	9,823	63.4%	12,517	57.7%	5.678	0.116
1	4,499	29.0%	7,055 1,600	32.5%	-3.492 1.530	-0.076
2	911 238	5.9% 1.5%	1,609	7.4% 2.1%	-1.539 0.557	-0.062 -0.042
3 4		1.5%	454 50	2.1%	-0.557 -0.078	-0.042 -0.016
4	30	0.2%	59	0.3%	-0.078	-0.016



Table 1w. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 0

		Medical		Covariate Balance		
	Rivarox	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
>= 5	3	0.0%	7	0.0%	-0.013	-0.008
HASBLED						
mean, std	0.0	-	0.0	-	-	-
0	15,504	100.0%	21,701	100.0%	0.000	-
1	0	0.0%	0	0.0%	-	-
2	0	0.0%	0	0.0%	-	-
>= 3	0	0.0%	0	0.0%	-	-
Health Characteristics						
Diabetes	1,205	7.8%	1,815	8.4%	-0.591	-0.022
Hypercholesterolemia	2,080	13.4%	3,013	13.9%	-0.468	-0.014
Hypertension	421	2.7%	721	3.3%	-0.607	-0.035
Kidney failure (chronic)	9	0.1%	23	0.1%	-0.048	-0.017
Kidney failure (acute)	227	1.5%	444	2.0%	-0.582	-0.044
Obesity	2,703	17.4%	4,680	21.6%	-4.132	-0.104
Peptic ulcer disease	0	0.0%	3	0.0%	-	-
Nicotine dependency	2,485	16.0%	4,089	18.8%	-2.814	-0.074
Hospitalized AMI (past 0-30 days)	102	0.7%	217	1.0%	-0.342	-0.038
Hospitalized AMI (past 31-183 days)	26	0.2%	58	0.3%	-0.100	-0.021
Coronary revascularization	316	2.0%	572	2.6%	-0.598	-0.040
Hospitalized heart failure	816	5.3%	1,386	6.4%	-1.124	-0.048
Outpatient heart failure	998	6.4%	1,542	7.1%	-0.669	-0.027
Other ischemic heart disease	1,943	12.5%	3,024	13.9%	-1.403	-0.041
Hospitalized stroke (past 0-30 days)	0	0.0%	0	0.0%	-	-
Hospitalized stroke (past 31-183 days)	0	0.0%	0	0.0%	-	-
Transient ischemic attack	279	1.8%	422	1.9%	-0.145	-0.011
Other medical conditions (falls, fractures,	3,491	22.5%	4,930	22.7%	-0.201	-0.005
syncope, walker use)						
Cardioversion	2,536	16.4%	3,460	15.9%	0.413	0.011
Cardioablation	941	6.1%	1,252	5.8%	0.300	0.013
Hospitalized for bleeding	0	0.0%	0	0.0%	-	-
Medical Product Use						
Estrogen replacement	452	2.9%	726	3.3%	-0.430	-0.025
H2-antagonist	137	0.9%	272	1.3%	-0.370	-0.036
NSAIDs	1,773	11.4%	2,541	11.7%	-0.273	-0.009
Proton pump inhibitors	1,966	12.7%	2,855	13.2%	-0.475	-0.014
SSRI antidepressants	1,239	8.0%	1,858	8.6%	-0.570	-0.021
Insulin	236	1.5%	370	1.7%	-0.183	-0.015
Metformin (Biguanide)	794	5.1%	1,200	5.5%	-0.408	-0.018
Sulfonylureas	212	1.4%	270	1.2%	0.123	0.011
Other diabetes medications	308	2.0%	504	2.3%	-0.336	-0.023
ACEI/ARB	2,077	13.4%	2,901	13.4%	0.028	0.001
Antiarrhythmics	4,721	30.5%	6,125	28.2%	2.226	0.049
Anti-coagulant (injectable)	1,492	9.6%	2,290	10.6%	-0.929	-0.031



Table 1w. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 0

		Medical		Covariate Balance		
	Rivaroxa	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Anti-platelets	747	4.8%	1,363	6.3%	-1.463	-0.064
Beta-blockers	9,118	58.8%	13,119	60.5%	-1.643	-0.033
Calcium channel blockers	3,160	20.4%	4,661	21.5%	-1.096	-0.027
Digoxin	858	5.5%	915	4.2%	1.318	0.061
Diuretics (loop)	1,112	7.2%	1,760	8.1%	-0.938	-0.035
Diuretics (potassium sparing)	460	3.0%	726	3.3%	-0.378	-0.022
Diuretics (thiazide)	468	3.0%	666	3.1%	-0.050	-0.003
Nitrates	228	1.5%	349	1.6%	-0.138	-0.011
Statins	3,512	22.7%	5,152	23.7%	-1.089	-0.026
Fibrates	227	1.5%	279	1.3%	0.178	0.015
Amiodarone	905	5.8%	1,410	6.5%	-0.660	-0.027
Dronedarone	523	3.4%	583	2.7%	0.687	0.040
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	11,180	72.1%	14,823	68.3%	3.805	0.083
No ED encounters (past 31-183 days)	13,558	87.4%	18,740	86.4%	1.093	0.032
At least 1 ED encounter (past 0-30 days)	4,324	27.9%	6,878	31.7%	-3.805	-0.083
At least 2 ED encounters (past 0-30 days)	723	4.7%	1,146	5.3%	-0.618	-0.028
At least 1 ED encounter (past 31-183 days)	1,946	12.6%	2,961	13.6%	-1.093	-0.032
At least 2 ED encounters (past 31-183 days)	445	2.9%	730	3.4%	-0.494	-0.028

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1x. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 0

		Medical		Covariate Balance		
	Rivarox	aban Users		ban Users		
	Mitarox	Percent/	Аріхан	Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Weighted patients	15,510	N/A	21,657	N/A	N/A	N/A
Demographic Characteristics						
Age (years)	54.4	8.6	54.4	8.8	0.012	0.001
Age						
21-49 years	3,761	24.2%	5,427	25.1%	-0.809	-0.019
50-64 years	11,749	75.8%	16,230	74.9%	0.809	0.019
Sex						
Female	4,207	27.1%	5,866	27.1%	0.039	0.001
Male	11,303	72.9%	15,791	72.9%	-0.039	-0.001
Race ³	0	0.00/	0	0.00/	0.005	0.003
American Indian or Alaska Native	8	0.0%	9	0.0%	0.005	0.002
Asian Black or African American	26 115	0.2% 0.7%	46 125	0.2% 0.6%	-0.047 0.166	-0.011 0.021
Native Hawaiian or Other Pacific Islander	3	0.7%	125 Z	0.0%	-0.008	-0.005
Unknown	13,717	88.4%	19,135	88.4%	0.087	0.003
White	1,593	10.3%	2,253	10.4%	-0.132	-0.005
Hispanic origin	_,000	20.075	_,	2011,6	0.202	0.000
Yes	56	0.4%	102	0.5%	-0.110	-0.017
No	520	3.4%	809	3.7%	-0.384	-0.029
Unknown	14,933	96.3%	20,745	95.8%	0.493	0.034
Year						
2010	0	0.0%	0	0.0%	NaN	NaN
2011	9	0.1%	0	0.0%	NaN	NaN
2012	806	5.2%	0	0.0%	NaN	NaN
2013	1,666	10.7%	386	1.8%	8.958	0.376
2014		12.8%		4.6%	8.209	0.294
	1,990		1,001			
2015	1,859	12.0%	1,811	8.4%	3.620	0.120
2016	1,682	10.8%	2,191	10.1%	0.723	0.024
2017	1,717	11.1%	2,534	11.7%	-0.627	-0.020
2018	1,664	10.7%	3,036	14.0%	-3.295	-0.100
2019	1,426	9.2%	3,174	14.7%	-5.458	-0.169
2020	1,185	7.6%	3,349	15.5%	-7.822	-0.247
2021	1,256	8.1%	3,696	17.1%	-8.968	-0.273
2022	251	1.6%	479	2.2%	-0.595	-0.043
CHADSVASC						
mean, std	0.5	0.7	0.5	0.7	0.001	0.001
0	9,313	60.0%	13,015	60.1%	-0.046	-0.001
1	4,813	31.0%	6,719	31.0%	0.007	0.000
2	1,063	6.9%	1,473	6.8%	0.055	0.002
3	282	1.8%	397	1.8%	-0.014	-0.001



Table 1x. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 0

		Medical	Covariate Balance			
	Rivarox	aban Users	Apixal	ban Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
4	35	0.2%	49	0.2%	0.002	0.000
>= 5	3	0.0%	5	0.0%	-0.004	-0.002
HASBLED						
mean, std	0.0	-	0.0	-	0.000	-
0	15,510	100.0%	21,657	100.0%	0.000	-
1	0	0.0%	0	0.0%	-	-
2	0	0.0%	0	0.0%	-	-
>= 3	0	0.0%	0	0.0%	-	-
Health Characteristics						
Diabetes	1,244	8.0%	1,744	8.1%	-0.029	-0.001
Hypercholesterolemia	2,111	13.6%	2,953	13.6%	-0.025	-0.001
Hypertension	490	3.2%	657	3.0%	0.123	0.007
Kidney failure (chronic)	11 285	0.1% 1.8%	17 387	0.1% 1.8%	-0.009 0.051	-0.003 0.004
Kidney failure (acute) Obesity	3,081	1.8%	4,302	1.8%	0.031	0.004
Peptic ulcer disease	0	0.0%	4,302 0	0.0%	0.004	0.000
Nicotine dependency	2,747	17.7%	3,824	17.7%	0.052	0.001
Hospitalized AMI (past 0-30 days)	132	0.9%	185	0.9%	-0.002	-0.000
Hospitalized AMI (past 31-183 days)	32	0.2%	45	0.2%	-0.006	-0.001
Coronary revascularization	368	2.4%	513	2.4%	0.005	0.000
Hospitalized heart failure	921	5.9%	1,278	5.9%	0.034	0.001
Outpatient heart failure	1,069	6.9%	1,478	6.8%	0.068	0.003
Other ischemic heart disease	2,078	13.4%	2,891	13.4%	0.046	0.001
Hospitalized stroke (past 0-30 days)	0	0.0%	0	0.0%	-	-
Hospitalized stroke (past 31-183 days)	0	0.0%	0	0.0%	-	-
Transient ischemic attack	294	1.9%	408	1.9%	0.014	0.001
Other medical conditions (falls, fractures,	3,530	22.8%	4,910	22.7%	0.086	0.002
syncope, walker use)						
Cardioversion	2,520	16.2%	3,500	16.2%	0.083	0.002
Cardioablation	926	6.0%	1,273	5.9%	0.088	0.004
Hospitalized for bleeding	0	0.0%	0	0.0%	-	-
Medical Product Use						
Estrogen replacement	490	3.2%	687	3.2%	-0.010	-0.001
H2-antagonist	171	1.1%	238	1.1%	0.003	0.000
NSAIDs	1,781	11.5%	2,502	11.6%	-0.072	-0.002
Proton pump inhibitors	2,017	13.0%	2,812	13.0%	0.019	0.001
SSRI antidepressants	1,299	8.4%	1,809	8.4%	0.021	0.001
Insulin Metformin (Biguanide)	251 821	1.6% 5.3%	353 1 152	1.6% 5.3%	-0.014 -0.031	-0.001 -0.001
Sulfonylureas	821 195	5.3% 1.3%	1,153 277	5.3% 1.3%	-0.031 -0.021	-0.001 -0.002
Other diabetes medications	333	2.1%	469	2.2%	-0.021 -0.015	-0.002 -0.001
ACEI/ARB	2,084	2.1% 13.4%	2,894	13.4%	-0.015 0.073	0.001
ACLI/AND	2,084	13.4%	2,094	13.4%	0.073	0.002



Table 1x. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 0

		Medical	Product		Covariate Balance	
	Rivaroxa	aban Users	Apixaban Users			
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Antiarrhythmics	4,525	29.2%	6,313	29.1%	0.029	0.001
Anti-coagulant (injectable)	1,608	10.4%	2,193	10.1%	0.242	0.008
Anti-platelets	883	5.7%	1,230	5.7%	0.014	0.001
Beta-blockers	9,284	59.9%	12,946	59.8%	0.082	0.002
Calcium channel blockers	3,244	20.9%	4,542	21.0%	-0.053	-0.001
Digoxin	743	4.8%	1,030	4.8%	0.031	0.001
Diuretics (loop)	1,211	7.8%	1,670	7.7%	0.099	0.004
Diuretics (potassium sparing)	495	3.2%	689	3.2%	0.011	0.001
Diuretics (thiazide)	472	3.0%	654	3.0%	0.024	0.001
Nitrates	244	1.6%	338	1.6%	0.013	0.001
Statins	3,615	23.3%	5,040	23.3%	0.037	0.001
Fibrates	208	1.3%	292	1.3%	-0.009	-0.001
Amiodarone	971	6.3%	1,346	6.2%	0.041	0.002
Dronedarone	460	3.0%	638	2.9%	0.019	0.001
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	10,820	69.8%	15,166	70.0%	-0.264	-0.006
No ED encounters (past 31-183 days)	13,446	86.7%	18,811	86.9%	-0.162	-0.005
At least 1 ED encounter (past 0-30 days)	4,689	30.2%	6,491	30.0%	0.264	0.006
At least 2 ED encounters (past 0-30 days)	805	5.2%	1,067	4.9%	0.263	0.012
At least 1 ED encounter (past 31-183 days)	2,064	13.3%	2,846	13.1%	0.162	0.005
At least 2 ED encounters (past 31-183 days)	503	3.2%	672	3.1%	0.144	0.008

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1y. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 1

		Medical	Covariate Balance				
	Rivarov	aban Users		ban Users	1		
	Kivarox	Percent/	Арілаі	Percent/			
	Number/	Standard	Number/	Standard	Absolute	Standardized	
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference	
Unique patients	32,496	100.0%	51,356	100.0%	N/A	N/A	
Demographic Characteristics			,		,	,	
Age (years)	57.0	6.7	57.4	6.6	-0.405	-0.061	
Age							
21-49 years	4,549	14.0%	6,667	13.0%	1.017	0.030	
50-64 years	27,947	86.0%	44,689	87.0%	-1.017	-0.030	
Sex							
Female	8,416	25.9%	14,971	29.2%	-3.253	-0.073	
Male	24,080	74.1%	36,385	70.8%	3.253	0.073	
Race ³							
American Indian or Alaska Native	16	0.0%	41	0.1%	-0.031	-0.012	
Asian	66	0.2%	105	0.2%	-0.001	-0.000	
Black or African American	651	2.0%	1,293	2.5%	-0.514	-0.035	
Native Hawaiian or Other Pacific Islander	32	0.1%	Z	0.1%	0.017	0.006	
Unknown	27,548	84.8%	41,783	81.4%	3.414	0.091	
White	4,046	12.5%	7,872	15.3%	-2.878	-0.083	
Hispanic origin	169	0.5%	252	0.5%	0.020	0.004	
Yes No	2,681	0.5% 8.3%	5,548	10.8%	0.029 -2.553	-0.087	
Unknown	29,646	91.2%	45,556	88.7%	2.523	0.084	
Year	25,040	31.270	43,330	00.770	2.323	0.004	
	0	0.00/	0	0.00/	NIONI	N = N	
2010	0	0.0%	0	0.0%	NaN	NaN	
2011	34	0.1%	0	0.0%	NaN	NaN	
2012	1,597	4.9%	0	0.0%	NaN	NaN	
2013	3,350	10.3%	814	1.6%	8.724	0.375	
2014	4,268	13.1%	2,166	4.2%	8.916	0.321	
2015	3,801	11.7%	3,812	7.4%	4.274	0.146	
2016	3,678	11.3%	5,208	10.1%	1.177	0.038	
2017	3,726	11.5%	6,255	12.2%	-0.714	-0.022	
2018	3,477	10.7%	7,018	13.7%	-2.966	-0.091	
2019	3,034	9.3%	7,875	15.3%	-5.998	-0.183	
2020	2,432	7.5%	7,895	15.4%	-7.889	-0.250	
2021	2,656	8.2%	9,133	17.8%	-9.610	-0.289	
2022	443	1.4%	1,180	2.3%	-0.934	-0.070	
CHADSVASC	4.0	4.0	2.0	4.0	0.422	0.422	
mean, std	1.8	1.0	2.0	1.0	-0.133	-0.132	
0	862 12.425	2.7%	1,294	2.5%	0.133	0.008	
1 2	13,435 11,092	41.3% 34.1%	18,818 17,451	36.6% 34.0%	4.701 0.153	0.097 0.003	
3	4,975	15.3%	9,116	17.8%	-2.441	-0.066	
4	4,973 1,756	5.4%	3,758	7.3%	-2.441	-0.000	
7	1,730	J. 4 /0	3,730	7.3/0	-1.514	-0.076	



Table 1y. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 1

		Medical	Covariate Balance			
	Rivarov	aban Users		oan Users	Corande Balance	
	Nivarux	Percent/	Ahiyar	Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
>= 5	376	1.2%	919	1.8%	-0.632	-0.053
HASBLED	370	1.270	313	1.070	-0.032	-0.055
mean, std	1.0	0.0	1.0	0.0	0.000	_
0	0	0.0%	0	0.0%	-	_
1	32,496	100.0%	51,356	100.0%	0.000	_
2	0	0.0%	0	0.0%	-	_
>= 3	0	0.0%	0	0.0%	_	_
Health Characteristics	0	0.070	0	0.070		_
Diabetes	9,660	29.7%	15,821	30.8%	-1.080	-0.024
Hypercholesterolemia	9,493	29.2%	15,670	30.5%	-1.300	-0.028
Hypertension	30,547	94.0%	48,003	93.5%	0.531	0.022
Kidney failure (chronic)	211	0.6%	446	0.9%	-0.219	-0.025
Kidney failure (acute)	1,022	3.1%	2,904	5.7%	-2.510	-0.123
Obesity	11,944	36.8%	21,884	42.6%	-5.857	-0.120
Peptic ulcer disease	22	0.1%	41	0.1%	-0.012	-0.004
Nicotine dependency	7,440	22.9%	14,184	27.6%	-4.724	-0.109
Hospitalized AMI (past 0-30 days)	508	1.6%	1,313	2.6%	-0.993	-0.070
Hospitalized AMI (past 31-183 days)	229	0.7%	558	1.1%	-0.382	-0.041
Coronary revascularization	2,329	7.2%	4,894	9.5%	-2.363	-0.085
Hospitalized heart failure	3,979	12.2%	7,866	15.3%	-3.072	-0.089
Outpatient heart failure	4,210	13.0%	7,826	15.2%	-2.283	-0.066
Other ischemic heart disease	8,784	27.0%	15,106	29.4%	-2.383	-0.053
Hospitalized stroke (past 0-30 days)	92	0.3%	186	0.4%	-0.079	-0.014
Hospitalized stroke (past 31-183 days)	35	0.1%	82	0.2%	-0.052	-0.014
Transient ischemic attack	811	2.5%	1,432	2.8%	-0.293	-0.018
Other medical conditions (falls, fractures,	7,766	23.9%	12,840	25.0%	-1.104	-0.026
syncope, walker use)	7, 22		,			
Cardioversion	5,201	16.0%	8,098	15.8%	0.237	0.006
Cardioablation	1,337	4.1%	2,012	3.9%	0.197	0.010
Hospitalized for bleeding	15	0.0%	45	0.1%	-0.041	-0.016
Medical Product Use						
Estrogen replacement	680	2.1%	1,185	2.3%	-0.215	-0.015
H2-antagonist	659	2.0%	1,309	2.5%	-0.521	-0.035
NSAIDs	5,456	16.8%	9,111	17.7%	-0.951	-0.025
Proton pump inhibitors	5,941	18.3%	10,331	20.1%	-1.834	-0.047
SSRI antidepressants	3,666	11.3%	6,356	12.4%	-1.095	-0.034
Insulin	2,127	6.5%	3,695	7.2%	-0.649	-0.026
Metformin (Biguanide)	6,201	19.1%	10,369	20.2%	-1.108	-0.028
Sulfonylureas	2,054	6.3%	2,935	5.7%	0.606	0.025
Other diabetes medications	2,734	8.4%	4,911	9.6%	-1.149	-0.040
ACEI/ARB	19,641	60.4%	31,092	60.5%	-0.101	-0.002
Antiarrhythmics	9,362	28.8%	13,989	27.2%	1.570	0.035
Anti-coagulant (injectable)	3,380	10.4%	6,175	12.0%	-1.623	-0.051



Table 1y. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 1

		Medical		Covariate Balance		
	Rivaroxa	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Anti-platelets	3,354	10.3%	6,749	13.1%	-2.820	-0.088
Beta-blockers	23,541	72.4%	38,198	74.4%	-1.936	-0.044
Calcium channel blockers	12,369	38.1%	19,741	38.4%	-0.376	-0.008
Digoxin	2,249	6.9%	2,624	5.1%	1.811	0.076
Diuretics (loop)	5,278	16.2%	9,398	18.3%	-2.058	-0.054
Diuretics (potassium sparing)	2,463	7.6%	4,435	8.6%	-1.056	-0.039
Diuretics (thiazide)	8,404	25.9%	13,051	25.4%	0.449	0.010
Nitrates	1,514	4.7%	3,031	5.9%	-1.243	-0.056
Statins	15,021	46.2%	25,284	49.2%	-3.009	-0.060
Fibrates	1,457	4.5%	2,138	4.2%	0.321	0.016
Amiodarone	2,944	9.1%	5,082	9.9%	-0.836	-0.029
Dronedarone	1,035	3.2%	1,171	2.3%	0.905	0.056
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	23,160	71.3%	34,227	66.6%	4.624	0.100
No ED encounters (past 31-183 days)	26,771	82.4%	41,338	80.5%	1.889	0.049
At least 1 ED encounter (past 0-30 days)	9,336	28.7%	17,129	33.4%	-4.624	-0.100
At least 2 ED encounters (past 0-30 days)	1,932	5.9%	3,952	7.7%	-1.750	-0.069
At least 1 ED encounter (past 31-183 days)	5,725	17.6%	10,018	19.5%	-1.889	-0.049
At least 2 ED encounters (past 31-183 days)	1,644	5.1%	3,115	6.1%	-1.006	-0.044

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1z. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 1

		Medical	Covariate Balance			
	Rivarox	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Weighted patients	32,514	N/A	51,315	N/A	N/A	N/A
Demographic Characteristics						
Age (years)	57.2	6.6	57.2	6.7	-0.055	-0.008
Age	4 204	42.20/	6.046	42.50/	0.220	0.040
21-49 years	4,291	13.2%	6,946	13.5%	-0.339	-0.010
50-64 years Sex	28,223	86.8%	44,368	86.5%	0.339	0.010
Female	9,036	27.8%	14,331	27.9%	-0.135	-0.003
Male	23,477	72.2%	36,984	72.1%	0.135	0.003
Race ³	-,		/			
American Indian or Alaska Native	17	0.1%	40	0.1%	-0.025	-0.010
Asian	60	0.2%	109	0.2%	-0.027	-0.006
Black or African American	683	2.1%	1,261	2.5%	-0.356	-0.025
Native Hawaiian or Other Pacific Islander	32	0.1%	Z	0.1%	0.018	0.006
Unknown	27,428	84.4%	41,886	81.6%	2.734	0.105
White	4,160	12.8%	7,759	15.1%	-2.326	-0.087
Hispanic origin						
Yes	169	0.5%	247	0.5%	0.040	0.006
No	2,786	8.6%	5,438	10.6%	-2.029 1.000	-0.126
Unknown	29,559	90.9%	45,631	88.9%	1.990	0.116
Year		/	_			
2010	0	0.0%	0	0.0%	NaN	NaN
2011	30	0.1%	0	0.0%	NaN	NaN
2012	1,454	4.5%	0	0.0%	NaN	NaN
2013	3,142	9.7%	877	1.7%	7.954	0.349
2014	4,080	12.5%	2,300	4.5%	8.066	0.292
2015	3,707	11.4%	3,976	7.7%	3.655	0.124
2016	3,681	11.3%	5,293	10.3%	1.006	0.032
2017	3,793	11.7%	6,301	12.3%	-0.614	-0.019
2018	3,611	11.1%	6,988	13.6%	-2.512	-0.076
2019	3,151	9.7%	7,774	15.1%	-5.456	-0.166
2020	2,578	7.9%	7,756	15.1%	-7.184	-0.227
2021	2,814	8.7%	8,901	17.3%	-8.691	-0.261
2022	471	1.4%	1,149	2.2%	-0.790	-0.059
CHADSVASC	7/1	1.7/0	1,173	2.2/0	0.750	0.055
mean, std	1.9	1.0	1.9	1.0	-0.010	-0.010
0	851	2.6%	1,317	2.6%	0.051	0.003
1	12,556	38.6%	19,673	38.3%	0.279	0.006
2	11,067	34.0%	17,457	34.0%	0.018	0.000
3	5,423	16.7%	8,657	16.9%	-0.192	-0.005



Table 1z. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 1

		Medical	Product		Covariate Balance		
	Rivarox	aban Users	Apixal	ban Users			
		Percent/		Percent/			
	Number/	Standard	Number/	Standard	Absolute	Standardized	
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference	
4	2,119	6.5%	3,409	6.6%	-0.126	-0.005	
>= 5	498	1.5%	802	1.6%	-0.032	-0.003	
HASBLED							
mean, std	1.0	0.0	1.0	0.0	0.000	-	
0	0	0.0%	0	0.0%	-	-	
1	32,514	100.0%	51,315	100.0%	0.000	-	
2	0	0.0%	0	0.0%	-	-	
>= 3	0	0.0%	0	0.0%	-	-	
Health Characteristics							
Diabetes	9,825	30.2%	15,661	30.5%	-0.301	-0.007	
Hypercholesterolemia	9,709	29.9%	15,384	30.0%	-0.118	-0.003	
Hypertension	30,447	93.6%	48,085	93.7%	-0.060	-0.002	
Kidney failure (chronic)	259	0.8%	404	0.8%	0.010	0.001	
Kidney failure (acute)	1,523	4.7%	2,401	4.7%	0.005	0.000	
Obesity	13,098	40.3%	20,756	40.4%	-0.163	-0.003	
Peptic ulcer disease	24	0.1%	38	0.1%	-0.001	-0.000	
Nicotine dependency	8,370	25.7%	13,299	25.9%	-0.173	-0.004	
Hospitalized AMI (past 0-30 days)	687	2.1%	1,116	2.2%	-0.063	-0.004	
Hospitalized AMI (past 31-183 days)	306	0.9%	481	0.9%	0.004	0.000	
Coronary revascularization	2,783	8.6%	4,438	8.6%	-0.090	-0.003	
Hospitalized heart failure	4,560	14.0%	7,278	14.2%	-0.159	-0.005	
Outpatient heart failure	4,628	14.2%	7,432	14.5%	-0.251	-0.007	
Other ischemic heart disease	9,212	28.3%	14,667	28.6%	-0.251	-0.006	
Hospitalized stroke (past 0-30 days)	108	0.3%	168	0.3%	0.004	0.001	
Hospitalized stroke (past 31-183 days)	45	0.1%	70	0.1%	0.002	0.000	
Transient ischemic attack	867	2.7%	1,373	2.7%	-0.010	-0.001	
Other medical conditions (falls, fractures,	7,980	24.5%	12,632	24.6%	-0.074	-0.002	
syncope, walker use)							
Cardioversion	5,157	15.9%	8,120	15.8%	0.039	0.001	
Cardioablation	1,297	4.0%	2,045	4.0%	0.005	0.000	
Hospitalized for bleeding	21	0.1%	31	0.1%	0.004	0.002	
Medical Product Use							
Estrogen replacement	726	2.2%	1,140	2.2%	0.010	0.001	
H2-antagonist	753	2.3%	1,227	2.4%	-0.076	-0.005	
NSAIDs	5,632	17.3%	8,951	17.4%	-0.121	-0.003	
Proton pump inhibitors	6,244	19.2%	10,002	19.5%	-0.286	-0.007	
SSRI antidepressants	3,848	11.8%	6,175	12.0%	-0.201	-0.006	
Insulin	2,222	6.8%	3,579	7.0%	-0.142	-0.006	
Metformin (Biguanide)	6,384	19.6%	10,175	19.8%	-0.194	-0.005	
Sulfonylureas	1,917	5.9%	3,068	6.0%	-0.084	-0.004	
Other diabetes medications	2,945	9.1%	4,679	9.1%	-0.058	-0.002	
ACEI/ARB	19,681	60.5%	31,088	60.6%	-0.050	-0.001	



Table 1z. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 1

		Medical		Covariate Balance		
	Rivaroxa	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Antiarrhythmics	9,072	27.9%	14,305	27.9%	0.026	0.001
Anti-coagulant (injectable)	3,693	11.4%	5,871	11.4%	-0.085	-0.003
Anti-platelets	3,906	12.0%	6,193	12.1%	-0.054	-0.002
Beta-blockers	23,914	73.5%	37,791	73.6%	-0.096	-0.002
Calcium channel blockers	12,472	38.4%	19,674	38.3%	0.021	0.000
Digoxin	1,881	5.8%	2,991	5.8%	-0.043	-0.002
Diuretics (loop)	5,653	17.4%	9,061	17.7%	-0.270	-0.007
Diuretics (potassium sparing)	2,645	8.1%	4,234	8.3%	-0.114	-0.004
Diuretics (thiazide)	8,306	25.5%	13,140	25.6%	-0.059	-0.001
Nitrates	1,737	5.3%	2,804	5.5%	-0.124	-0.006
Statins	15,575	47.9%	24,713	48.2%	-0.257	-0.005
Fibrates	1,377	4.2%	2,200	4.3%	-0.051	-0.003
Amiodarone	3,089	9.5%	4,912	9.6%	-0.071	-0.002
Dronedarone	865	2.7%	1,353	2.6%	0.025	0.002
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	22,235	68.4%	35,183	68.6%	-0.176	-0.004
No ED encounters (past 31-183 days)	26,398	81.2%	41,640	81.1%	0.044	0.001
At least 1 ED encounter (past 0-30 days)	10,278	31.6%	16,131	31.4%	0.176	0.004
At least 2 ED encounters (past 0-30 days)	2,287	7.0%	3,585	7.0%	0.047	0.002
At least 1 ED encounter (past 31-183 days)	6,116	18.8%	9,675	18.9%	-0.044	-0.001
At least 2 ED encounters (past 31-183 days)	1,840	5.7%	2,930	5.7%	-0.050	-0.002

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin receptor blocker.

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1aa. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 2

		Medical	Covariate Balance			
	Rivarox	aban Users	1	ban Users		
	THI GAT GAT	Percent/	7.15.17.01	Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Unique patients	8,091	100.0%	17,262	100.0%	N/A	N/A
Demographic Characteristics						
Age (years)	57.2	6.5	57.7	6.3	-0.548	-0.086
Age						
21-49 years	1,101	13.6%	2,020	11.7%	1.906	0.057
50-64 years	6,990	86.4%	15,242	88.3%	-1.906	-0.057
Sex						
Female	2,205	27.3%	5,314	30.8%	-3.532	-0.078
Male	5,886	72.7%	11,948	69.2%	3.532	0.078
Race ³	_	0.40/	25	0.40/	0.000	0.025
American Indian or Alaska Native	5	0.1%	25	0.1%	-0.083	-0.026
Asian	21	0.3%	34	0.2%	0.063	0.013
Black or African American Native Hawaiian or Other Pacific Islander	337 7	4.2%	893	5.2%	-1.008	-0.048
Unknown	6,344	0.1% 78.4%	z 12,685	0.2% 73.5%	-0.064 4.923	-0.019 0.115
White	1,357	16.8%	3,537	20.5%	-3.718	-0.096
Hispanic origin	1,337	10.6%	3,337	20.3%	-5.716	-0.090
Yes	50	0.6%	117	0.7%	-0.060	-0.007
No	1,191	14.7%	3,226	18.7%	-3.968	-0.107
Unknown	6,850	84.7%	13,919	80.6%	4.028	0.107
Year	5,555	2 111 / 2		2012,1		
2010	0	0.0%	0	0.0%	NaN	NaN
2011	5	0.1%	0	0.0%	NaN	NaN
2012	285	3.5%	0	0.0%	NaN	NaN
2013	698	8.6%	177	1.0%	7.601	0.360
2014	938	11.6%	548	3.2%	8.419	0.326
2015	867	10.7%	1,024	5.9%	4.784	0.174
2016	879	10.9%	1,627	9.4%	1.439	0.048
2017	1,004	12.4%	2,063	12.0%	0.458	0.014
2018	958	11.8%	2,298	13.3%	-1.472	-0.044
2019	845	10.4%	2,881	16.7%	-6.246	-0.183
2020	753	9.3%	2,942	17.0%	-7.737	-0.230
2021	746	9.2%	3,289	19.1%	-9.833	-0.285
2022	113	1.4%	413	2.4%	-0.996	-0.073
CHADSVASC	115	1.470	415	2.4%	-0.996	-0.075
mean, std	2.3	1.2	2.6	1.2	-0.240	-0.201
0	2.3 74	0.9%	2.6 117	0.7%	0.237	0.027
1	2,068	25.6%	3,518	20.4%	5.179	0.027
2	2,681	33.1%	5,238	30.3%	2.791	0.123
3	1,931	23.9%	4,362	25.3%	-1.403	-0.033
4	994	12.3%	2,853	16.5%	-4.242	-0.121
			-,		··- ·-	-



Table 1aa. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 2

in the Sentinei Distributed Database from O		-	Product		Covariate Balance		
	Rivarox	aban Users	Apixal	oan Users			
		Percent/	1 1 1	Percent/			
	Number/	Standard	Number/	Standard	Absolute	Standardized	
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference	
>= 5	343	4.2%	1,174	6.8%	-2.562	-0.112	
HASBLED							
mean, std	2.0	0.0	2.0	0.0	0.000	-	
0	0	0.0%	0	0.0%	-	-	
1	0	0.0%	0	0.0%	-	-	
2	8,091	100.0%	17,262	100.0%	0.000	-	
>= 3	0	0.0%	0	0.0%	-	-	
Health Characteristics							
Diabetes	3,324	41.1%	7,586	43.9%	-2.864	-0.058	
Hypercholesterolemia	2,675	33.1%	5,974	34.6%	-1.546	-0.033	
Hypertension	7,896	97.6%	16,848	97.6%	-0.012	-0.001	
Kidney failure (chronic)	1,636	20.2%	4,327	25.1%	-4.847	-0.116	
Kidney failure (acute)	1,008	12.5%	3,404	19.7%	-7.261	-0.199	
Obesity	3,620	44.7%	8,717	50.5%	-5.757	-0.115	
Peptic ulcer disease	74	0.9%	196	1.1%	-0.221	-0.022	
Nicotine dependency	2,660	32.9%	6,517	37.8%	-4.877	-0.102	
Hospitalized AMI (past 0-30 days)	245	3.0%	761	4.4%	-1.380	-0.073	
Hospitalized AMI (past 31-183 days)	134	1.7%	431	2.5%	-0.841	-0.059	
Coronary revascularization	950	11.7%	2,795	16.2%	-4.450	-0.129	
Hospitalized heart failure	1,870	23.1%	5,191	30.1%	-6.960	-0.158	
Outpatient heart failure	1,711	21.1%	4,346	25.2%	-4.030	-0.096	
Other ischemic heart disease	2,998	37.1%	6,910	40.0%	-2.977	-0.061	
Hospitalized stroke (past 0-30 days)	342	4.2%	844	4.9%	-0.662	-0.032	
Hospitalized stroke (past 31-183 days)	158	2.0%	467	2.7%	-0.753	-0.050	
Transient ischemic attack	423	5.2%	931	5.4%	-0.165	-0.007	
Other medical conditions (falls, fractures,	2,541	31.4%	5,478	31.7%	-0.329	-0.007	
syncope, walker use)			·				
Cardioversion	1,366	16.9%	2,743	15.9%	0.993	0.027	
Cardioablation	322	4.0%	676	3.9%	0.064	0.003	
Hospitalized for bleeding	96	1.2%	233	1.3%	-0.163	-0.015	
Medical Product Use							
Estrogen replacement	157	1.9%	371	2.1%	-0.209	-0.015	
H2-antagonist	330	4.1%	791	4.6%	-0.504	-0.025	
NSAIDs	1,529	18.9%	3,193	18.5%	0.400	0.010	
Proton pump inhibitors	2,307	28.5%	5,355	31.0%	-2.509	-0.055	
SSRI antidepressants	1,258	15.5%	2,895	16.8%	-1.223	-0.033	
Insulin	923	11.4%	2,390	13.8%	-2.438	-0.073	
Metformin (Biguanide)	1,897	23.4%	4,225	24.5%	-1.030	-0.024	
Sulfonylureas	656	8.1%	1,384	8.0%	0.090	0.003	
Other diabetes medications	873	10.8%	2,296	13.3%	-2.511	-0.077	
ACEI/ARB	5,236	64.7%	11,289	65.4%	-0.684	-0.014	
Antiarrhythmics	2,424	30.0%	5,032	29.2%	0.808	0.018	
Anti-coagulant (injectable)	994	12.3%	2,460	14.3%	-1.966	-0.058	



Table 1aa. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 2

		Medical		Covariate Balance		
	Rivaroxaban Users		Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Anti-platelets	1,234	15.3%	3,402	19.7%	-4.457	-0.118
Beta-blockers	6,139	75.9%	13,487	78.1%	-2.257	-0.054
Calcium channel blockers	3,406	42.1%	7,320	42.4%	-0.309	-0.006
Digoxin	656	8.1%	1,131	6.6%	1.556	0.060
Diuretics (loop)	2,130	26.3%	5,458	31.6%	-5.293	-0.117
Diuretics (potassium sparing)	895	11.1%	2,275	13.2%	-2.118	-0.065
Diuretics (thiazide)	2,106	26.0%	4,584	26.6%	-0.527	-0.012
Nitrates	646	8.0%	1,654	9.6%	-1.598	-0.056
Statins	4,338	53.6%	9,962	57.7%	-4.095	-0.083
Fibrates	453	5.6%	974	5.6%	-0.044	-0.002
Amiodarone	1,099	13.6%	2,766	16.0%	-2.441	-0.069
Dronedarone	196	2.4%	302	1.7%	0.673	0.047
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	5,058	62.5%	10,261	59.4%	3.071	0.063
No ED encounters (past 31-183 days)	5,829	72.0%	12,024	69.7%	2.387	0.053
At least 1 ED encounter (past 0-30 days)	3,033	37.5%	7,001	40.6%	-3.071	-0.063
At least 2 ED encounters (past 0-30 days)	804	9.9%	2,041	11.8%	-1.887	-0.061
At least 1 ED encounter (past 31-183 days)	2,262	28.0%	5,238	30.3%	-2.387	-0.053
At least 2 ED encounters (past 31-183 days)	902	11.1%	2,137	12.4%	-1.232	-0.038

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1ab. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 2

		Medical	Covariate Balance			
	Rivarox	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Weighted patients	8,101	N/A	17,171	N/A	N/A	N/A
Demographic Characteristics						
Age (years)	57.5	6.3	57.6	6.4	-0.080	-0.013
Age						
21-49 years	1,002	12.4%	2,115	12.3%	0.050	0.002
50-64 years	7,099	87.6%	15,056	87.7%	-0.050	-0.002
Sex	2 400	20.6%	F 070	20.6%	0.053	0.001
Female Male	2,400	29.6%	5,078	29.6%	0.053	0.001 -0.001
Race ³	5,701	70.4%	12,092	70.4%	-0.053	-0.001
	c	0.10/	25	0.10/	0.075	0.022
American Indian or Alaska Native Asian	6 20	0.1% 0.2%	25 36	0.1% 0.2%	-0.075 0.040	-0.023 0.008
Black or African American	344	4.2%	866	5.0%	-0.794	-0.040
Native Hawaiian or Other Pacific Islander	8	0.1%	Z	0.2%	-0.754	-0.046
Unknown	6,274	77.5%	12,694	73.9%	3.527	0.132
White	1,426	17.6%	3,458	20.1%	-2.535	-0.087
Hispanic origin	_,	,	J, 100			
Yes	46	0.6%	118	0.7%	-0.120	-0.015
No	1,229	15.2%	3,173	18.5%	-3.305	-0.192
Unknown	6,825	84.3%	13,879	80.8%	3.425	0.190
Year						
2010	0	0.0%	0	0.0%	NaN	NaN
2011	5	0.1%	0	0.0%	NaN	NaN
2012	246	3.0%	0	0.0%	NaN	NaN
2013	642	7.9%	192	1.1%	6.812	0.332
2014	879	10.9%	583	3.4%	7.454	0.293
2015	838	10.3%	1,063	6.2%	4.150	0.151
2016	886	10.9%	1,642	9.6%	1.375	0.045
2017	1,031	12.7%	2,065	12.0%	0.706	0.021
2018	983	12.1%	2,289	13.3%	-1.201	-0.036
2019	878	10.8%	2,838	16.5%	-5.688	-0.166
2020	805	9.9%	2,879	16.8%	-6.834	-0.202
2021	784	9.7%	3,216	18.7%	-9.054	-0.262
2022	125	1.5%	404	2.4%	-0.814	-0.059
CHADSVASC	125	1.5%	404	2.4%	-0.614	-0.059
mean, std	2.5	1.2	2.5	1.2	-0.012	-0.010
0	61	0.8%	130	0.8%	0.001	0.000
1	1,814	22.4%	3,778	22.0%	0.388	0.009
2	2,539	31.3%	5,362	31.2%	0.116	0.003
	-		-			



Table 1ab. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 2

		Medical	Product		Covariate Balance	
	Rivarox	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
3	1,996	24.6%	4,269	24.9%	-0.221	-0.005
4	1,207	14.9%	2,616	15.2%	-0.330	-0.009
>= 5	483	6.0%	1,016	5.9%	0.046	0.002
HASBLED						
mean, std	2.0	0.0	2.0	0.0	0.000	-
0	0	0.0%	0	0.0%	-	-
1	0	0.0%	0	0.0%	-	-
2	8,101	100.0%	17,171	100.0%	0.000	-
>= 3	0	0.0%	0	0.0%	-	-
Health Characteristics						
Diabetes	3,446	42.5%	7,408	43.1%	-0.600	-0.012
Hypercholesterolemia	2,755	34.0%	5,863	34.1%	-0.134	-0.003
Hypertension	7,900	97.5%	16,759	97.6%	-0.078	-0.005
Kidney failure (chronic)	1,897	23.4%	4,055	23.6%	-0.196	-0.005
Kidney failure (acute)	1,407	17.4%	2,973	17.3%	0.058	0.002
Obesity	3,915	48.3%	8,360	48.7%	-0.355	-0.007
Peptic ulcer disease	80	1.0%	180	1.0%	-0.057	-0.006
Nicotine dependency	2,922	36.1%	6,234	36.3%	-0.232	-0.005
Hospitalized AMI (past 0-30 days)	311	3.8%	670	3.9%	-0.066	-0.003
Hospitalized AMI (past 31-183 days)	180	2.2%	379	2.2%	0.019	0.001
Coronary revascularization	1,177	14.5%	2,534	14.8%	-0.224	-0.006
Hospitalized heart failure	2,227	27.5%	4,771	27.8%	-0.288	-0.007
Outpatient heart failure	1,905	23.5%	4,143	24.1%	-0.610	-0.015
Other ischemic heart disease	3,137	38.7%	6,734	39.2%	-0.484	-0.010
Hospitalized stroke (past 0-30 days)	381	4.7%	801	4.7%	0.047	0.002
Hospitalized stroke (past 31-183 days)	205	2.5%	419	2.4%	0.089	0.006
Transient ischemic attack	433	5.3%	916	5.3%	0.015	0.001
Other medical conditions (falls, fractures,	2,555	31.5%	5,460	31.8%	-0.265	-0.006
syncope, walker use)						
Cardioversion	1,319	16.3%	2,778	16.2%	0.105	0.003
Cardioablation	315	3.9%	676	3.9%	-0.051	-0.003
Hospitalized for bleeding	103	1.3%	220	1.3%	-0.006	-0.001
Medical Product Use	170	2.40/	254	2.40/	0.020	0.003
Estrogen replacement	170	2.1%	354 767	2.1%	0.029	0.002
H2-antagonist	353	4.4%		4.5%	-0.108	-0.005
NSAIDs	1,506	18.6%	3,203	18.7%	-0.054	-0.001
Proton pump inhibitors	2,420	29.9%	5,194	30.2%	-0.372	-0.008 0.011
SSRI antidepressants	1,298	16.0%	2,823	16.4%	-0.420 0.315	-0.011
Insulin	1,032	12.7%	2,242	13.1%	-0.315	-0.009
Metformin (Biguanide)	1,925 626	23.8%	4,144 1 201	24.1%	-0.365 0.221	-0.009 -0.012
Sulfonylureas Other dispetes medications		7.7%	1,381	8.0%	-0.321	
Other diabetes medications	1,004	12.4%	2,138	12.5%	-0.063	-0.002



Table 1ab. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 2

		Medical	Product		Covariate Balance		
	Rivaroxa	aban Users	Apixal	oan Users			
		Percent/		Percent/			
	Number/	Standard	Number/	Standard	Absolute	Standardized	
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference	
ACEI/ARB	5,285	65.2%	11,206	65.3%	-0.017	-0.000	
Antiarrhythmics	2,368	29.2%	5,041	29.4%	-0.129	-0.003	
Anti-coagulant (injectable)	1,110	13.7%	2,340	13.6%	0.067	0.002	
Anti-platelets	1,482	18.3%	3,131	18.2%	0.067	0.002	
Beta-blockers	6,246	77.1%	13,297	77.4%	-0.327	-0.008	
Calcium channel blockers	3,414	42.1%	7,266	42.3%	-0.165	-0.003	
Digoxin	562	6.9%	1,214	7.1%	-0.132	-0.005	
Diuretics (loop)	2,394	29.6%	5,148	30.0%	-0.423	-0.009	
Diuretics (potassium sparing)	1,023	12.6%	2,155	12.5%	0.084	0.003	
Diuretics (thiazide)	2,144	26.5%	4,524	26.3%	0.116	0.003	
Nitrates	728	9.0%	1,567	9.1%	-0.135	-0.005	
Statins	4,528	55.9%	9,692	56.4%	-0.546	-0.011	
Fibrates	440	5.4%	966	5.6%	-0.194	-0.008	
Amiodarone	1,215	15.0%	2,606	15.2%	-0.182	-0.005	
Dronedarone	157	1.9%	336	2.0%	-0.016	-0.001	
Health Service Utilization Intensity Metrics							
No ED encounters (past 0-30 days)	4,945	61.0%	10,368	60.4%	0.660	0.015	
No ED encounters (past 31-183 days)	5,696	70.3%	12,056	70.2%	0.108	0.002	
At least 1 ED encounter (past 0-30 days)	3,156	39.0%	6,803	39.6%	-0.660	-0.015	
At least 2 ED encounters (past 0-30 days)	872	10.8%	1,928	11.2%	-0.464	-0.015	
At least 1 ED encounter (past 31-183 days)	2,404	29.7%	5,115	29.8%	-0.108	-0.002	
At least 2 ED encounters (past 31-183 days)	967	11.9%	2,088	12.2%	-0.217	-0.007	

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1ac. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 3+

		Medical	Covariate Balance				
	Rivarov	aban Users		oan Users			
	Rivarox	Percent/	Apixai	Percent/			
	Number/	Standard	Number/	Standard	Absolute	Standardized	
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference	
Unique patients	1,834	100.0%	5,699	100.0%	N/A	N/A	
Demographic Characteristics	<u>, </u>				<u>, </u>	·	
Age (years)	57.8	6.2	58.3	5.9	-0.547	-0.091	
Age							
21-49 years	204	11.1%	538	9.4%	1.683	0.055	
50-64 years	1,630	88.9%	5,161	90.6%	-1.683	-0.055	
Sex							
Female	485	26.4%	1,685	29.6%	-3.122	-0.070	
Male	1,349	73.6%	4,014	70.4%	3.122	0.070	
Race ³							
American Indian or Alaska Native	0	0.0%	7	0.1%	-	-	
Asian	0	0.0%	12	0.2%	-	-	
Black or African American	117	6.4%	484	8.5%	-2.113	-0.081	
Native Hawaiian or Other Pacific Islander	4	0.2%	Z	0.2%	0.025	0.006	
Unknown	1,278	69.7%	3,664	64.3%	5.392	0.115	
White	427	23.3%	1,501	26.3%	-3.056	-0.071	
Hispanic origin	42	0.70/	4.5	0.00/	0.453	0.040	
Yes	12	0.7%	46	0.8%	-0.153	-0.018	
No	428	23.3%	1,571	27.6%	-4.229	-0.097	
Unknown	1,394	76.0%	4,082	71.6%	4.382	0.100	
Year							
2010	0	0.0%	0	0.0%	NaN	NaN	
2011	1	0.1%	0	0.0%	NaN	NaN	
2012	41	2.2%	0	0.0%	NaN	NaN	
2013	127	6.9%	40	0.7%	6.223	0.329	
2014	171	9.3%	112	2.0%	7.359	0.323	
2015	152	8.3%	276	4.8%	3.445	0.139	
2016	214	11.7%	453	7.9%	3.720	0.125	
2017	240	13.1%	588	10.3%	2.769	0.086	
2018	229	12.5%	740	13.0%	-0.498	-0.015	
2019	223	12.2%	1,002	17.6%	-5.423	-0.153	
2020	188	10.3%	1,106	19.4%	-9.156	-0.260	
2021	213	11.6%	1,207	21.2%	-9.565	-0.261	
2022	35	1.9%	175	3.1%	-1.162	-0.075	
CHADSVASC							
mean, std	2.8	1.3	3.1	1.3	-0.290	-0.219	
0	5	0.3%	13	0.2%	0.045	0.009	
1	328	17.9%	693	12.2%	5.724	0.161	
2	511	27.9%	1,343	23.6%	4.297	0.098	
3	466	25.4%	1,512	26.5%	-1.122	-0.026	
4	338	18.4%	1,363	23.9%	-5.487	-0.135	



Table 1ac. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 3+

		Medical		Covariate Balance		
	Rivarox	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
>= 5	186	10.1%	775	13.6%	-3.457	-0.107
HASBLED						
mean, std	3.1	0.3	3.1	0.3	-0.029	-0.092
0	0	0.0%	0	0.0%	-	-
1	0	0.0%	0	0.0%	-	-
2	0	0.0%	0	0.0%	-	-
>= 3	1,834	100.0%	5,699	100.0%	0.000	-
Health Characteristics						
Diabetes	899	49.0%	3,085	54.1%	-5.114	-0.102
Hypercholesterolemia	644	35.1%	2,132	37.4%	-2.296	-0.048
Hypertension	1,820	99.2%	5,658	99.3%	-0.044	-0.005
Kidney failure (chronic)	821	44.8%	3,113	54.6%	-9.858	-0.198
Kidney failure (acute)	525	28.6%	2,387	41.9%	-13.259	-0.280
Obesity	897	48.9%	3,091	54.2%	-5.328	-0.107
Peptic ulcer disease	44	2.4%	161	2.8%	-0.426	-0.027
Nicotine dependency	747	40.7%	2,621	46.0%	-5.260	-0.106
Hospitalized AMI (past 0-30 days)	51	2.8%	330	5.8%	-3.010	-0.149
Hospitalized AMI (past 31-183 days)	67	3.7%	280	4.9%	-1.260	-0.062
Coronary revascularization	265	14.4%	1,147	20.1%	-5.677	-0.151
Hospitalized heart failure	646	35.2%	2,524	44.3%	-9.065	-0.186
Outpatient heart failure	585	31.9%	2,111	37.0%	-5.144	-0.108
Other ischemic heart disease	791	43.1%	2,774	48.7%	-5.545	-0.111
Hospitalized stroke (past 0-30 days)	125	6.8%	409	7.2%	-0.361	-0.014
Hospitalized stroke (past 31-183 days)	94	5.1%	315	5.5%	-0.402	-0.018
Transient ischemic attack	160	8.7%	418	7.3%	1.389	0.051
Other medical conditions (falls, fractures,	675	36.8%	2,286	40.1%	-3.308	-0.068
syncope, walker use)						
Cardioversion	273	14.9%	848	14.9%	0.006	0.000
Cardioablation	67	3.7%	229	4.0%	-0.365	-0.019
Hospitalized for bleeding	64	3.5%	214	3.8%	-0.265	-0.014
Medical Product Use						
Estrogen replacement	35	1.9%	77	1.4%	0.557	0.044
H2-antagonist	126	6.9%	405	7.1%	-0.236	-0.009
NSAIDs	312	17.0%	944	16.6%	0.448	0.012
Proton pump inhibitors	718	39.1%	2,323	40.8%	-1.612	-0.033
SSRI antidepressants	374	20.4%	1,151	20.2%	0.196	0.005
Insulin	315	17.2%	1,233	21.6%	-4.460	-0.113
Metformin (Biguanide)	417	22.7%	1,330	23.3%	-0.600	-0.014
Sulfonylureas	183	10.0%	579	10.2%	-0.181	-0.006
Other diabetes medications	223	12.2%	870	15.3%	-3.107	-0.090
ACEI/ARB	1,258	68.6%	3,752	65.8%	2.757	0.059
Antiarrhythmics	500	27.3%	1,637	28.7%	-1.462	-0.033
Anti-coagulant (injectable)	222	12.1%	831	14.6%	-2.477	-0.073



Table 1ac. Aggregated Unadjusted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 3+

		Medical		Covariate Balance		
	Rivaroxa	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Anti-platelets	340	18.5%	1,286	22.6%	-4.027	-0.100
Beta-blockers	1,462	79.7%	4,646	81.5%	-1.807	-0.046
Calcium channel blockers	808	44.1%	2,661	46.7%	-2.636	-0.053
Digoxin	187	10.2%	456	8.0%	2.195	0.076
Diuretics (loop)	682	37.2%	2,585	45.4%	-8.172	-0.167
Diuretics (potassium sparing)	288	15.7%	1,026	18.0%	-2.300	-0.061
Diuretics (thiazide)	473	25.8%	1,476	25.9%	-0.109	-0.002
Nitrates	185	10.1%	772	13.5%	-3.459	-0.107
Statins	1,028	56.1%	3,535	62.0%	-5.976	-0.122
Fibrates	111	6.1%	371	6.5%	-0.458	-0.019
Amiodarone	286	15.6%	1,079	18.9%	-3.339	-0.088
Dronedarone	28	1.5%	59	1.0%	0.491	0.044
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	1,104	60.2%	3,107	54.5%	5.678	0.115
No ED encounters (past 31-183 days)	1,070	58.3%	3,241	56.9%	1.473	0.030
At least 1 ED encounter (past 0-30 days)	730	39.8%	2,592	45.5%	-5.678	-0.115
At least 2 ED encounters (past 0-30 days)	264	14.4%	902	15.8%	-1.433	-0.040
At least 1 ED encounter (past 31-183 days)	764	41.7%	2,458	43.1%	-1.473	-0.030
At least 2 ED encounters (past 31-183 days)	381	20.8%	1,244	21.8%	-1.054	-0.026

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 1ad. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 3+

		Medical	Product		Covariate Balance		
	Rivaroxa	aban Users	Apixal	oan Users			
		Percent/		Percent/			
	Number/	Standard	Number/	Standard	Absolute	Standardized	
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference	
Weighted patients	1,854	N/A	5,598	N/A	N/A	N/A	
Demographic Characteristics							
Age (years)	58.2	5.9	58.2	6.0	-0.018	-0.003	
Age							
21-49 years	174	9.4%	550	9.8%	-0.452	-0.015	
50-64 years	1,681	90.6%	5,048	90.2%	0.452	0.015	
Sex							
Female	516	27.8%	1,602	28.6%	-0.777	-0.017	
Male	1,338	72.2%	3,996	71.4%	0.777	0.017	
Race ³	_		_				
American Indian or Alaska Native	0	0.0%	6	0.1%	-	-	
Asian	0	0.0%	13	0.2%	-	-	
Black or African American	109	5.9%	464	8.3%	-2.408	-0.100	
Native Hawaiian or Other Pacific Islander Unknown	4	0.2% 69.4%	z 3,618	0.2% 64.6%	0.002 4.762	0.000 0.178	
White	1,287 447	24.1%	1,466	26.2%	-2.074	-0.065	
Hispanic origin	447	24.170	1,400	20.276	-2.074	-0.003	
Yes	13	0.7%	47	0.8%	-0.129	-0.015	
No	433	23.4%	1,536	27.4%	-4.075	-0.229	
Unknown	1,408	75.9%	4,016	71.7%	4.205	0.233	
Year	_,	1010,1	.,				
2010	0	0.0%	0	0.0%	NaN	NaN	
2011		0.0%		0.0%	NaN	NaN	
	1		0				
2012	36	1.9%	0	0.0%	NaN	NaN	
2013	116	6.3%	43	0.8%	5.506	0.301	
2014	159	8.6%	114	2.0%	6.531	0.294	
2015	132	7.1%	276	4.9%	2.208	0.093	
2016	200	10.8%	443	7.9%	2.874	0.099	
2017	270	14.6%	585	10.5%	4.115	0.125	
2018	232	12.5%	746	13.3%	-0.811	-0.024	
2019	238	12.9%	984	17.6%	-4.715	-0.132	
2020	202	10.9%	1,071	19.1%	-8.256	-0.233	
2021	226			20.8%	-8.651	-0.235	
		12.2%	1,166				
2022	42	2.3%	169	3.0%	-0.766	-0.048	
CHADSVASC	3.0	1.3	3.0	1.3	-0.019	-0.014	
mean, std 0	3.0	0.2%	3.0 10	0.2%	-0.019 -0.001	-0.014 -0.000	
1	263	14.2%	754	13.5%	0.707	0.021	
2	458	24.7%	1,392	24.9%	-0.149	-0.003	



Table 1ad. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 3+

		Medical	Covariate Balance			
	Rivarox	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
3	484	26.1%	1,479	26.4%	-0.328	-0.007
4	421	22.7%	1,268	22.6%	0.073	0.002
>= 5	225	12.1%	695	12.4%	-0.302	-0.009
HASBLED						
mean, std	3.1	0.3	3.1	0.3	-0.028	-0.091
0	0	0.0%	0	0.0%	-	-
1	0	0.0%	0	0.0%	-	-
2	0	0.0%	0	0.0%	-	-
>= 3	1,854	100.0%	5,598	100.0%	0.000	-
Health Characteristics						
Diabetes	976	52.6%	2,963	52.9%	-0.294	-0.006
Hypercholesterolemia	684	36.9%	2,064	36.9%	0.035	0.001
Hypertension	1,844	99.4%	5,564	99.4%	0.019	0.002
Kidney failure (chronic)	957	51.6%	2,914	52.1%	-0.440	-0.009
Kidney failure (acute)	713	38.4%	2,143	38.3%	0.175	0.004
Obesity	974	52.5%	2,967	53.0%	-0.500	-0.010
Peptic ulcer disease	46	2.5%	151	2.7%	-0.222	-0.014
Nicotine dependency	816	44.0%	2,497	44.6%	-0.622	-0.013
Hospitalized AMI (past 0-30 days)	92	5.0%	263	4.7%	0.261	0.012
Hospitalized AMI (past 31-183 days)	89	4.8%	255	4.6%	0.247	0.012
Coronary revascularization	355	19.1%	1,041	18.6%	0.551	0.014
Hospitalized heart failure	782	42.2%	2,348	41.9%	0.232	0.005
Outpatient heart failure	660	35.6%	2,007	35.9%	-0.267	-0.006
Other ischemic heart disease	867	46.8%	2,636	47.1%	-0.332	-0.007
Hospitalized stroke (past 0-30 days)	117	6.3%	390	7.0%	-0.646	-0.026
Hospitalized stroke (past 31-183 days)	104	5.6%	314	5.6%	0.011	0.000
Transient ischemic attack	141	7.6%	428	7.7%	-0.030	-0.001
Other medical conditions (falls, fractures,	721	38.9%	2,211	39.5%	-0.584	-0.012
syncope, walker use)						
Cardioversion	279	15.1%	830	14.8%	0.242	0.007
Cardioablation	72	3.9%	220	3.9%	-0.039	-0.002
Hospitalized for bleeding	70	3.8%	207	3.7%	0.075	0.004
Medical Product Use						
Estrogen replacement	24	1.3%	83	1.5%	-0.159	-0.014
H2-antagonist	132	7.1%	399	7.1%	-0.023	-0.001
NSAIDs	309	16.7%	944	16.9%	-0.205	-0.005
Proton pump inhibitors	768	41.4%	2,276	40.7%	0.750	0.015
SSRI antidepressants	386	20.8%	1,139	20.4%	0.459	0.011
Insulin	386	20.8%	1,148	20.5%	0.322	0.008
Metformin (Biguanide)	443	23.9%	1,306	23.3%	0.552	0.013
Sulfonylureas	179	9.6%	549	9.8%	-0.150	-0.005



Table 1ad. Aggregated Weighted Characteristics of Rivaroxaban and Apixaban Users, Truncation Weight = 0%, ATES Weights (Inverse Probability of Treatment Weighted, Trimmed, Weight: Average Treatment Effect, Stabilized (ATES), Truncation: 0%) in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, HASBLED: 3+

		Medical		Covariate Balance		
	Rivaroxa	aban Users	Apixal	oan Users		
		Percent/		Percent/		
	Number/	Standard	Number/	Standard	Absolute	Standardized
Patient Characteristics	Mean	Deviation ^{1,2}	Mean	Deviation ^{1,2}	Difference	Difference
Other diabetes medications	262	14.1%	799	14.3%	-0.154	-0.004
ACEI/ARB	1,241	66.9%	3,746	66.9%	-0.008	-0.000
Antiarrhythmics	523	28.2%	1,578	28.2%	-0.011	-0.000
Anti-coagulant (injectable)	264	14.2%	774	13.8%	0.430	0.013
Anti-platelets	417	22.5%	1,199	21.4%	1.076	0.026
Beta-blockers	1,498	80.8%	4,534	81.0%	-0.223	-0.006
Calcium channel blockers	866	46.7%	2,574	46.0%	0.743	0.015
Digoxin	155	8.4%	487	8.7%	-0.332	-0.012
Diuretics (loop)	811	43.7%	2,420	43.2%	0.483	0.010
Diuretics (potassium sparing)	319	17.2%	977	17.4%	-0.245	-0.006
Diuretics (thiazide)	479	25.8%	1,447	25.9%	-0.018	-0.000
Nitrates	249	13.4%	699	12.5%	0.949	0.028
Statins	1,146	61.8%	3,396	60.7%	1.119	0.023
Fibrates	124	6.7%	357	6.4%	0.307	0.012
Amiodarone	336	18.1%	1,006	18.0%	0.130	0.003
Dronedarone	18	1.0%	64	1.1%	-0.157	-0.015
Health Service Utilization Intensity Metrics						
No ED encounters (past 0-30 days)	1,079	58.2%	3,139	56.1%	2.112	0.048
No ED encounters (past 31-183 days)	1,073	57.9%	3,192	57.0%	0.858	0.018
At least 1 ED encounter (past 0-30 days)	775	41.8%	2,459	43.9%	-2.112	-0.048
At least 2 ED encounters (past 0-30 days)	269	14.5%	869	15.5%	-0.989	-0.029
At least 1 ED encounter (past 31-183 days)	781	42.1%	2,406	43.0%	-0.858	-0.018
At least 2 ED encounters (past 31-183 days)	375	20.2%	1,208	21.6%	-1.364	-0.035

¹Weighted patient characteristics tables facilitate the assessment of covariate balance after inverse probability weighting and should not be interpreted as a description of the unweighted population. Treated patients are weighted by the proportion of treated patients in the trimmed population divided by the inverse of their propensity score (PS). Reference patients are weighted by 1 minus the proportion of treated patients in the trimmed population divided by 1 minus their PS.

²Value represents standard deviation where no % follows the value.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

^{**}AMI - acute myocardial infarction; NSAIDs - non-steroidal anti-inflammtory drugs; ACEI - angiotensin converting enzyme inhibitor; ARB - angiotensin receptor blocker; ED - emergency department; SSRI - selective serotonin reuptake inhibitor

^{*}Data presented by a dash, asterisk, or period represents missing information. This table may not use all data representations.



Table 2a. Effect Estimates for Thromboembolic Stroke, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type

		Daman	Average	Average		Incidence Pote	Dieleman	Incidence Rate	Risk	Hazard Ratio	
		Person-	Person-	Person-	Ni	Incidence Rate	Risk per	Difference per	Difference per	(95%	W-I-I D
	Number of	Years at	Days at	Years at	Number	per 1,000	1,000 New	1,000 Person-	1,000 New	Confidence	Wald P-
Medical Product	New Users	Risk	Risk	Risk	of Events	Person-Years	Users	Years	Users	Interval)	Value
Site-Adjusted Analysis	s, Unweighted										
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	67	3.49	1.16	-0.66	-0.23	0.84 (0.63,	0.257
Apixaban Users	96,057	32,036.33	121.82	0.33	133	4.15	1.38	-0.00	-0.23	1.13)	0.237
Inverse Probability of	Treatment W	eighted Anal	ysis; Unwei	ighted, Trin	nmed						
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	67	3.49	1.16	-0.66	-0.23	N/A	N/A
Apixaban Users	96,018	32,027.57	121.83	0.33	133	4.15	1.39	-0.00	-0.23	N/A	IN/A
Inverse Probability of	Inverse Probability of Treatment Weighted Analysis ¹ ; Weight = ATES, Trimmed ²										
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	78	4.06	1.35	0.18	0.06	1.05 (0.77,	NI/A
Apixaban Users	96,013	31,893.04	121.33	0.33	124	3.88	1.29	0.18	0.06	1.44)	N/A

¹All values in this section are weighted.

²ATES = Average Treatment Effect, Stabilized.



Table 2b. Effect Estimates for Thromboembolic Stroke, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and Age Group

			Average			Incidence		Incidence Rate	Risk		
		Person-	Person-	Average	Number	Rate per	Risk per	Difference per	Difference per	Hazard Ratio (95%	
	Number of	Years at	Days at	Person-	of	1,000 Person-	1,000 New	•	1,000 New	Confidence	Wald P-
Medical Product	New Users	Risk	Risk	Years at Risk	Events	Years	Users	Years	Users	Interval)	Value
Thromboembolic St	roke, Truncat	ion Weight =	0, ATES We	ights							
Site-Adjusted Analys	sis, Unweighte	d									
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	67	3.49	1.16	-0.66	-0.23	0.84 (0.63, 1.13)	0.257
Apixaban Users	96,057	32,036.33	121.82	0.33	133	4.15	1.38		0.23	0.01 (0.03) 1.13)	0.237
Inverse Probability o	of Treatment V	Veighted Ana	lysis; Unwei	ghted, Trimmed	d						
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	67	3.49	1.16	-0.66	-0.23	N/A	N/A
Apixaban Users	96,018	32,027.57	121.83	0.33	133	4.15	1.39	-0.00	-0.23	N/A	N/A
Inverse Probability o	of Treatment V	Veighted Ana	lysis ¹ ; Weig	ht = ATES, Trin	nmed ²						
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	78	4.06	1.35	0.18	0.06	1.05 (0.77, 1.44)	N/A
Apixaban Users	96,013	31,893.04	121.33	0.33	124	3.88	1.29	0.18	0.00	1.03 (0.77, 1.44)	N/A
Thromboembolic St	roke, Truncat	ion Weight =	0, ATES We	ights, Age Grοι	ıp: 21-49	years					
Site-Adjusted Analys	sis, Unweighte	d									
Rivaroxaban Users	9,854	2,411.74	89.39	0.24	7	2.90	0.71	-0.65	-0.19	0.80 (0.32, 2.01)	0.636
Apixaban Users	14,408	3,660.19	92.79	0.25	13	3.55	0.90	-0.03	-0.13	0.00 (0.32, 2.01)	0.030
Inverse Probability o	of Treatment V	Veighted Ana	lysis; Unweig	ghted, Trimmed	d						
Rivaroxaban Users	9,835	2,408.70	Z	0.24	7	2.91	0.71	-0.66	-0.20	N/A	N/A
Apixaban Users	14,330	3,642.05	92.83	0.25	13	3.57	0.91	-0.00	-0.20	N/A	IN/A
Inverse Probability o	of Treatment V	Veighted Ana	lysis ¹ ; Weig	ht = ATES, Trin	nmed ²						
Rivaroxaban Users	9,867	2,433.06	90.07	0.25	8	3.15	0.78	-0.10	-0.04	0.96 (0.37, 2.49)	N/A
Apixaban Users	14,333	3,612.34	92.05	0.25	12	3.25	0.82	-0.10	-0.04	0.96 (0.57, 2.49)	N/A
Thromboembolic St	roke, Truncat	ion Weight =	0, ATES We	ights, Age Grou	ıp: 50-64 ·	years					
Site-Adjusted Analys	sis, Unweighte	d									
Rivaroxaban Users	48,071	16,770.86	127.43	0.35	60	3.58	1.25	-0.65	-0.22	0.85 (0.63, 1.16)	0.317
Apixaban Users	81,610	28,367.38	126.96	0.35	120	4.23	1.47	-0.05	-0.22	0.65 (0.63, 1.16)	0.31/
Inverse Probability o	of Treatment V	Veighted Ana	lysis; Unweig	ghted, Trimmed	d						
Rivaroxaban Users	48,066	16,769.60	127.43	0.35	60	3.58	1.25	-n 65	-N 22	N/A	NI/A
								-11.65	-11 //	NI / A	KI / A



Table 2b. Effect Estimates for Thromboembolic Stroke, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and Age Group

			Average			Incidence		Incidence Rate	Risk		
		Person-	Person-	Average	Number	Rate per	Risk per	Difference per	Difference per	Hazard Ratio (95%	
	Number of	Years at	Days at	Person-	of	1,000 Person-	1,000 New	1,000 Person-	1,000 New	Confidence	Wald P-
Medical Product	New Users	Risk	Risk	Years at Risk	Events	Years	Users	Years	Users	Interval)	Value
Apixaban Users	81,600	28,365.64	126.97	0.35	120	4.23	1.47	-0.03	-0.22	N/A	N/A
Inverse Probability o	f Treatment V	Veighted Anal	lysis ¹ ; Weig	ht = ATES, Trim	med ²						
Rivaroxaban Users	48,105	16,740.34	127.11	0.35	70	4.20	1.46	0.31	0.08	1.06 (0.77. 1.49)	NI/A
Apixaban Users	81,592	28,316.70	126.76	0.35	113	3.99	1.39	0.21	0.08	1.06 (0.77, 1.48)	N/A

¹All values in this section are weighted.

²ATES = Average Treatment Effect, Stabilized.



Table 2c. Effect Estimates for Thromboembolic Stroke, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and CHADSVASC

			Average			Incidence		Incidence Rate	Risk		
		Person-	Person-	Average	Number	Rate per	Risk per	Difference per	Difference per	Hazard Ratio (95%	
	Number of	Years at	Days at	Person-	of	1,000 Person-	1,000 New	1,000 Person-	1,000 New	Confidence	Wald P-
Medical Product	New Users	Risk	Risk	Years at Risk	Events	Years	Users	Years	Users	Interval)	Value
Thromboembolic St	troke, Truncat	ion Weight =	0, ATES We	ights							
Site-Adjusted Analys	sis, Unweighte	d									
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	67	3.49	1.16	-0.66	-0.23	0.84 (0.63, 1.13)	0.257
Apixaban Users	96,057	32,036.33	121.82	0.33	133	4.15	1.38	0.00	0.23	0.04 (0.03, 1.13)	0.237
Inverse Probability o	of Treatment V	Veighted Anai	lysis; Unwei	ghted, Trimmed	d						
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	67	3.49	1.16	-0.66	-0.23	N/A	N/A
Apixaban Users	96,018	32,027.57	121.83	0.33	133	4.15	1.39	-0.00	-0.23	N/A	IN/A
Inverse Probability o	of Treatment V	Veighted Anai	lysis ¹ ; Weig	ht = ATES, Trim	nmed ²						
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	78	4.06	1.35	0.18	0.06	1.05 (0.77, 1.44)	N/A
Apixaban Users	96,013	31,893.04	121.33	0.33	124	3.88	1.29	0.18	0.00	1.03 (0.77, 1.44)	IN/A
Thromboembolic St	troke, Truncat	ion Weight =	0, ATES We	ights, CHADSV	ASC: 0						
Site-Adjusted Analys	sis, Unweighte	d									
Rivaroxaban Users	10,764	2,783.19	94.44	0.26	7	2.52	0.65	0.56	0.15	1.27 (0.45, 3.63)	0.651
Apixaban Users	13,941	3,575.00	93.66	0.26	7	1.96	0.50	0.50	0.13	1.27 (0.43, 3.03)	0.031
Inverse Probability o	of Treatment V	Veighted Anai	lysis; Unwei	ghted, Trimmed	d						
Rivaroxaban Users	10,734	2,772.23	Z	0.26	7	2.53	0.65	0.56	0.15	N/A	N/A
Apixaban Users	13,893	3,567.06	93.78	0.26	7	1.96	0.50	0.50	0.13	N/A	11/7
Inverse Probability o	of Treatment V	Veighted Anai	lysis ¹ ; Weig	ht = ATES, Trim	nmed ²						
Rivaroxaban Users	10,752	2,800.77	95.14	0.26	7	2.56	0.67	0.57	0.16	1.29 (0.45, 3.67)	N/A
Apixaban Users	13,893	3,553.03	93.41	0.26	7	1.99	0.51	0.57	0.10	1.29 (0.43, 3.07)	IN/A
Thromboembolic St	troke, Truncati	ion Weight =	0, ATES We	ights, CHADSV	ASC: 1						
Site-Adjusted Analys	sis, Unweighte	d									
Rivaroxaban Users	20,330	6,662.97	119.71	0.33	12	1.80	0.59	-0.22	-0.07	0.89 (0.43, 1.81)	0.739
Apixaban Users	30,084	9,885.18	120.02	0.33	20	2.02	0.66	-0.22	-0.07	0.03 (0.43, 1.01)	0.733
Inverse Probability o	of Treatment V	Veighted Anai	lysis; Unweig	ghted, Trimmed	1						
Rivaroxaban Users	20,319	6,660.05	119.72	0.33	12	1.80	0.59	-∩ 12	-U U/I	NI/A	NI/A



Table 2c. Effect Estimates for Thromboembolic Stroke, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and CHADSVASC

			Average			Incidence		Incidence Rate	Risk		
		Person-	Person-	Average	Number	Rate per	Risk per	Difference per	Difference per	Hazard Ratio (95%	
	Number of	Years at	Days at	Person-	of	1,000 Person-	1,000 New	1,000 Person-	1,000 New	Confidence	Wald P-
Medical Product	New Users	Risk	Risk	Years at Risk	Events	Years	Users	Years	Users	Interval)	Value
Apixaban Users	30,050	9,876.57	120.05	0.33	19	1.92	0.63	-0.12	-0.04	N/A	N/A
Inverse Probability o	of Treatment V	Veighted Ana	lysis ¹ ; Weig	ht = ATES, Trin	nmed ²						
Rivaroxaban Users	20,326	6,673.78	119.93	0.33	12	1.87	0.61	-0.04	-0.01	0.97 (0.47, 2.02)	N/A
Apixaban Users	30,059	9,862.59	119.84	0.33	19	1.91	0.63	-0.04	-0.01	0.57 (0.47, 2.02)	
Thromboembolic St	roke, Truncati	ion Weight =	0, ATES We	ights, CHADSV	ASC: 2						
Site-Adjusted Analys	sis, Unweighte										
Rivaroxaban Users	15,195	5,665.08	136.17	0.37	18	3.18	1.18	-0.28	-0.10	0.92 (0.52, 1.64)	0.779
Apixaban Users	25,641	9,548.39	136.01	0.37	33	3.46	1.29	-0.28	-0.10	0.92 (0.32, 1.04)	0.779
Inverse Probability o	of Treatment V	Veighted Ana	lysis; Unwei	ghted, Trimmed	d						
Rivaroxaban Users	15,184	5,662.43	136.21	0.37	18	3.18	1.19	-0.28	-0.10	N/A	NI/A
Apixaban Users	25,603	9,539.34	136.09	0.37	33	3.46	1.29	-0.28	-0.10	N/A	N/A
Inverse Probability o	of Treatment W	Veighted Ana	lysis ¹ ; Weig	ht = ATES, Trin	nmed ²						
Rivaroxaban Users	15,201	5,650.62	135.77	0.37	19	3.32	1.23	-0.20	-0.08	0.05 (0.52, 1.71)	NI/A
Apixaban Users	25,606	9,539.54	136.07	0.37	34	3.51	1.31	-0.20	-0.08	0.95 (0.52, 1.71)	N/A
Thromboembolic St	roke, Truncati	ion Weight =	0, ATES We	ights, CHADSV	ASC: 3						
Site-Adjusted Analys	sis, Unweighte	d									
Rivaroxaban Users	7,610	2,756.78	132.31	0.36	12	4.35	1.58	-0.74	-0.24	0.87 (0.44, 1.72)	0.691
Apixaban Users	15,444	5,502.67	130.14	0.36	28	5.09	1.81	-0.74	-0.24	0.87 (0.44, 1.72)	0.691
Inverse Probability o	of Treatment W	Veighted Ana	lysis; Unwei	ghted, Trimmed	d						
Rivaroxaban Users	7,584	2,746.80	132.29	0.36	12	4.37	1.58	0.72	0.24	N1 / A	N1 / A
Apixaban Users	15,407	5,496.85	130.31	0.36	28	5.09	1.82	-0.73	-0.24	N/A	N/A
Inverse Probability o	of Treatment V	Veighted Ana	lysis ¹ ; Weig	ht = ATES, Trin	nmed²						
Rivaroxaban Users	7,597	2,692.02	129.42	0.35	12	4.35	1.54	0.55	0.24	0.00 (0.43.4.04)	21/2
Apixaban Users	15,417	5,522.77	130.85	0.36	27	4.90	1.76	-0.55	-0.21	0.89 (0.43, 1.81)	N/A
Thromboembolic St	roke, Truncat	ion Weight =	0, ATES We	ights, CHADSV	ASC: 4						
Site-Adjusted Analys	sis, Unweighte	d									
Rivaroxaban Users	3,118	1,057.04	123.82	0.34	11	10.41	3.53	2.45	0.04	1.26 (0.64. 2.62)	0.527
Apixaban Users	8,033	2,638.99	119.99	0.33	21	7.96	2.61	2.45	0.91	1.26 (0.61, 2.62)	0.537
Inverse Probability o	of Treatment V	Veighted Ana	lysis; Unwei	ghted, Trimmed	d						
Rivaroxaban Users	3,109	1,055.18	123.96	0.34	11	10.42	3.54	2.42	0.89	N/A	NI/A
Apixaban Users	7,936	2,624.90	120.81	0.33	21	8.00	2.65	2.42	0.89	IN/A	N/A



Table 2c. Effect Estimates for Thromboembolic Stroke, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and CHADSVASC

			Average			Incidence		Incidence Rate	Risk		
		Person-	Person-	Average	Number	Rate per	Risk per	Difference per	Difference per	Hazard Ratio (95%	
	Number of	Years at	Days at	Person-	of	1,000 Person-	1,000 New	1,000 Person-	1,000 New	Confidence	Wald P-
Medical Product	New Users	Risk	Risk	Years at Risk	Events	Years	Users	Years	Users	Interval)	Value
Inverse Probability o	f Treatment V	Veighted Ana	lysis¹; Weig	ht = ATES, Trim	nmed²						
Rivaroxaban Users	3,130	1,051.63	122.71	0.34	13	12.62	4.24	4.57	1.57	1.50 (0.69, 3.27)	N/A
Apixaban Users	7,935	2,632.88	121.19	0.33	21	8.05	2.67	4.57	1.57	1.30 (0.03, 3.27)	IN/A
Thromboembolic St	roke, Truncati	ion Weight =	0, ATES Wei	ghts, CHADSV	ASC: 5+						
Site-Adjusted Analys	sis, Unweighte	d									
Rivaroxaban Users	908	257.54	103.60	0.28	7	27.18	7.71	-0.18	-0.64	0.92 (0.39, 2.13)	0.841
Apixaban Users	2,875	877.34	111.46	0.31	24	27.36	8.35	-0.18	-0.04	0.92 (0.59, 2.15)	0.641
Inverse Probability o	f Treatment V	Veighted Ana	lysis; Unweig	ghted, Trimmed	d						
Rivaroxaban Users	894	255.56	104.41	0.29	7	27.39	7.83	-0.50	-0.82	N/A	N/A
Apixaban Users	2,659	824.58	113.27	0.31	23	27.89	8.65	-0.30	-0.82	N/A	IN/A
Inverse Probability o	f Treatment V	Veighted Ana	lysis ¹ ; Weig	ht = ATES, Trim	nmed ²						
Rivaroxaban Users	918	255.87	101.78	0.28	7	26.44	7.37	-1.38	-1.38	0.86 (0.36, 2.03)	N/A
Apixaban Users	2,677	842.01	114.89	0.31	23	27.83	8.75	-1.50	-1.50	0.60 (0.36, 2.03)	IN/A

¹All values in this section are weighted.

²ATES = Average Treatment Effect, Stabilized.



Table 2d. Effect Estimates for Thromboembolic Stroke, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and HASBLED

			Average			Incidence		Incidence Rate	Risk		
		Person-	Person-	Average	Number	Rate per	Risk per	Difference per	Difference per	Hazard Ratio (95%	
	Number of	Years at	Days at	Person-	of	1,000 Person-	1,000 New	1,000 Person-	1,000 New	Confidence	Wald P
Medical Product	New Users	Risk	Risk	Years at Risk	Events	Years	Users	Years	Users	Interval)	Value
Thromboembolic St	roke, Truncat	ion Weight =	0, ATES We	ights							
Site-Adjusted Analys	sis, Unweighte	d									
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	67	3.49	1.16	-0.66	-0.23	0.84 (0.63, 1.13)	0.257
Apixaban Users	96,057	32,036.33	121.82	0.33	133	4.15	1.38	0.00	0.23	0.04 (0.03, 1.13)	0.237
Inverse Probability o	of Treatment V	Veighted Ana	lysis; Unwei	ghted, Trimmed	d						
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	67	3.49	1.16	-0.66	-0.23	N/A	N/A
Apixaban Users	96,018	32,027.57	121.83	0.33	133	4.15	1.39	-0.00	-0.23	N/A	IN/A
Inverse Probability o	of Treatment V	Veighted Ana	lysis¹; Weig	ght = ATES, Trin	nmed ²						
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	78	4.06	1.35	0.18	0.06	1.05 (0.77, 1.44)	N/A
Apixaban Users	96,013	31,893.04	121.33	0.33	124	3.88	1.29	0.18	0.00	1.03 (0.77, 1.44)	N/A
Thromboembolic St	roke, Truncat	ion Weight =	0, ATES We	ights, HASBLED): 0						
Site-Adjusted Analys	sis, Unweighte	d									
Rivaroxaban Users	15,504	4,312.02	101.58	0.28	13	3.01	0.84	0.95	0.24	1.42 (0.66, 3.07)	0.371
Apixaban Users	21,701	6,284.79	105.78	0.29	13	2.07	0.60	0.55	0.24	1.42 (0.00, 3.07)	0.571
Inverse Probability o	of Treatment V	Veighted Ana	lysis; Unwei	ghted, Trimmed	d						
Rivaroxaban Users	15,495	4,310.15	Z	0.28	13	3.02	0.84	0.94	0.24	N/A	N/A
Apixaban Users	21,658	6,275.66	105.84	0.29	13	2.07	0.60	0.54	0.24	N/A	IN/A
Inverse Probability o	of Treatment V	Veighted Ana	lysis ¹ ; Weig	ght = ATES, Trin	nmed ²						
Rivaroxaban Users	15,510	4,372.35	102.97	0.28	14	3.18	0.90	1.20	0.33	1.59 (0.72, 3.51)	N/A
Apixaban Users	21,657	6,215.24	104.82	0.29	12	1.98	0.57	1.20	0.33	1.33 (0.72, 3.31)	IN/A
Thromboembolic St	roke, Truncat	ion Weight =	0, ATES We	ights, HASBLED): 1						
Site-Adjusted Analys	sis, Unweighte	d									
Rivaroxaban Users	32,496	11,645.84	130.90	0.36	28	2.40	0.86	-0.48	-0.17	0.84 (0.53, 1.32)	0.449
Apixaban Users	51,356	18,380.18	130.72	0.36	53	2.88	1.03	-0.46	-0.17	0.04 (0.55, 1.52)	0.443
Inverse Probability o	of Treatment V	Veighted Ana	lysis; Unwei	ghted, Trimmed	d						
Rivaroxaban Users	32,488	11,642.23	130.89	0.36	28	2.41	0.86	_N /IQ	-∩ 17	N/A	NI/A



Table 2d. Effect Estimates for Thromboembolic Stroke, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and HASBLED

			Average			Incidence		Incidence Rate	Risk		
		Person-	Person-	Average	Number	Rate per	Risk per	Difference per	Difference per	Hazard Ratio (95%	
	Number of	Years at	Days at	Person-	of	1,000 Person-	1,000 New	1,000 Person-	1,000 New	Confidence	Wald P-
Medical Product	New Users	Risk	Risk	Years at Risk	Events	Years	Users	Years	Users	Interval)	Value
Apixaban Users	51,319	18,372.30	130.76	0.36	53	2.88	1.03	-0.40	-0.17	IN/ PA	N/A
Inverse Probability o	of Treatment V	Veighted Ana	lysis ¹ ; Weig	ht = ATES, Trin	nmed ²						
Rivaroxaban Users	32,514	11,661.44	131.00	0.36	31	2.66	0.96	-0.11	-0.04	0.97 (0.59, 1.57)	N/A
Apixaban Users	51,315	18,312.13	130.34	0.36	51	2.78	0.99	-0.11	-0.04	0.97 (0.39, 1.37)	IN/A
Thromboembolic St	roke, Truncat	ion Weight =	0, ATES Wei	ights, HASBLED): 2						
Site-Adjusted Analys	sis, Unweighte										
Rivaroxaban Users	8,091	2,705.86	122.15	0.33	16	5.91	1.98	-2.75	-0.92	0.68 (0.39, 1.20)	0.183
Apixaban Users	17,262	5,771.69	122.12	0.33	50	8.66	2.90	-2.73	-0.92	0.06 (0.39, 1.20)	0.165
Inverse Probability o	of Treatment V	Veighted Ana	lysis; Unweig	ghted, Trimmed	d						
Rivaroxaban Users	8,073	2,702.16	122.25	0.33	16	5.92	1.98	-2.77	-0.93	N/A	N/A
Apixaban Users	17,166	5,750.40	122.35	0.33	50	8.70	2.91	-2.77	-0.93	N/A	IN/A
Inverse Probability o	of Treatment V	Veighted Ana	lysis ¹ ; Weig	ht = ATES, Trin	nmed ²						
Rivaroxaban Users	8,101	2,700.17	121.75	0.33	17	6.14	2.05	2.22	0.76	0.72 (0.41.1.22)	N/A
Apixaban Users	17,171	5,754.78	122.41	0.34	48	8.36	2.80	-2.22	-0.76	0.73 (0.41, 1.32)	IN/A
Thromboembolic St	roke, Truncat	ion Weight =	0, ATES Wei	ights, HASBLED): 3+						
Site-Adjusted Analys	sis, Unweighte	d									
Rivaroxaban Users	1,834	518.87	103.34	0.28	10	19.27	5.45	8.59	2.47	1.86 (0.85, 4.07)	0.121
Apixaban Users	5,699	1,590.91	101.96	0.28	17	10.69	2.98	6.59	2.47	1.00 (0.05, 4.07)	0.121
Inverse Probability o	of Treatment V	Veighted Ana	lysis; Unweig	ghted, Trimmed	d						
Rivaroxaban Users	1,824	516.62	103.45	0.28	10	19.36	5.48	0.54	2.44	N/A	NI/A
Apixaban Users	5,588	1,571.27	102.70	0.28	17	10.82	3.04	8.54	2.44	N/A	N/A
Inverse Probability o	of Treatment V	Veighted Ana	lysis ¹ ; Weig	ht = ATES, Trin	nmed²						
Rivaroxaban Users	1,854	503.93	99.26	0.27	8	16.62	4.52	r 63	1.42	1 [2 (0 67 2 40)	NI/A
Apixaban Users	5,598	1,577.47	102.92	0.28	17	11.00	3.10	5.62	1.42	1.53 (0.67, 3.49)	N/A

¹All values in this section are weighted.

²ATES = Average Treatment Effect, Stabilized.



Table 2e. Effect Estimates for Thromboembolic Stroke, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and Sex

			Average			Incidence		Incidence Rate	Risk		
		Person-	Person-	Average	Number	Rate per	Risk per	Difference per	Difference per	Hazard Ratio	
	Number of	Years at	Days at	Person-	of	1,000 Person-	1,000 New	1,000 Person-	1,000 New	(95% Confidence	Wald P-
Medical Product	New Users	Risk	Risk	Years at Risk	Events	Years	Users	Years	Users	Interval)	Value
Thromboembolic St	troke, Truncat	ion Weight =	0, ATES We	ights							
Site-Adjusted Analys	sis, Unweighte	d									
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	67	3.49	1.16	-0.66	-0.23	0.84 (0.63, 1.13)	0.257
Apixaban Users	96,057	32,036.33	121.82	0.33	133	4.15	1.38	-0.00	-0.23	0.84 (0.03, 1.13)	0.237
Inverse Probability o	of Treatment V	Veighted Anai	lysis; Unwei	ghted, Trimmed	d						
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	67	3.49	1.16	-0.66	-0.23	N/A	N/A
Apixaban Users	96,018	32,027.57	121.83	0.33	133	4.15	1.39	-0.00	-0.23	N/A	IN/A
Inverse Probability o	of Treatment V	Veighted Anai	lysis ¹ ; Weig	ht = ATES, Trin	nmed ²						
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	78	4.06	1.35	0.18	0.06	1.05 (0.77, 1.44)	N/A
Apixaban Users	96,013	31,893.04	121.33	0.33	124	3.88	1.29	0.18	0.00	1.03 (0.77, 1.44)	IN/A
Thromboembolic St	troke, Truncati	ion Weight =	0, ATES We	ights, Sex: Fem	ale						
Site-Adjusted Analys	sis, Unweighte	d									
Rivaroxaban Users	14,857	5,257.64	129.26	0.35	18	3.42	1.21	-0.62	-0.24	0.86 (0.50, 1.50)	0.605
Apixaban Users	28,303	10,129.14	130.72	0.36	41	4.05	1.45	0.02	0.24	0.00 (0.50, 1.50)	0.005
Inverse Probability o	of Treatment V	Veighted Anai	lysis; Unwei	ghted, Trimmed	d						
Rivaroxaban Users	14,847	5,254.57	z	0.35	18	3.43	1.21	-0.63	-0.24	N/A	N/A
Apixaban Users	28,247	10,118.61	130.84	0.36	41	4.05	1.45	-0.03	-0.24	N/A	N/A
Inverse Probability o	of Treatment V	Veighted Anai	lysis ¹ ; Weig	ht = ATES, Trin	nmed ²						
Rivaroxaban Users	14,866	5,239.98	128.75	0.35	21	4.01	1.41	0.13	0.02	1.05 (0.59, 1.87)	N/A
Apixaban Users	28,247	10,135.13	131.05	0.36	39	3.87	1.39	0.13	0.02	1.05 (0.55, 1.87)	IN/A
Thromboembolic St	troke, Truncati	ion Weight =	0, ATES We	ights, Sex: Mal	e						
Site-Adjusted Analys	sis, Unweighte	d									
Rivaroxaban Users	43,068	13,924.96	118.09	0.32	49	3.52	1.14	-0.68	-0.22	0.84 (0.59, 1.19)	0.325
Apixaban Users	67,715	21,898.43	118.12	0.32	92	4.20	1.36	-0.06	-0.22	0.04 (0.33, 1.13)	0.323
Inverse Probability o	of Treatment V	Veighted Ana	lysis; Unwei	ghted, Trimmed	d						
Rivaroxaban Users	43,064	13,924.60	118.10	0.32	49	3.52	1.14	-∩ 6 Ջ	_∩ ? ?	NI/A	NI/A



Table 2e. Effect Estimates for Thromboembolic Stroke, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and Sex

			Average			Incidence		Incidence Rate	Risk		
		Person-	Person-	Average	Number	Rate per	Risk per	Difference per	Difference per	Hazard Ratio	
	Number of	Years at	Days at	Person-	of	1,000 Person-	1,000 New	1,000 Person-	1,000 New	(95% Confidence	Wald P-
Medical Product	New Users	Risk	Risk	Years at Risk	Events	Years	Users	Years	Users	Interval)	Value
Apixaban Users	67,682	21,891.11	118.14	0.32	92	4.20	1.36	-0.08	-0.22	N/A	N/A
Inverse Probability o	of Treatment V	Veighted Ana	lysis ¹ ; Weig	ht = ATES, Trim	nmed ²						
Rivaroxaban Users	43,110	13,957.08	118.25	0.32	58	4.16	1.35	0.29	0.10	1.00 (0.75, 1.59)	NI/A
Apixaban Users	67,675	21,791.30	117.61	0.32	84	3.87	1.25	0.29	0.10	1.09 (0.75, 1.58)	N/A

¹All values in this section are weighted.

²ATES = Average Treatment Effect, Stabilized.



Table 3a. Effect Estimates for Major Extracranial Bleeding, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type

		Doveon	Average	Average		Incidonos	Risk per	Incidence Rate	Risk	Hazard Ratio	
	Number of	Person- Years	Person-	Person- Years	Number	Incidence Rate per 1,000	1,000 New	1,000	Difference per 1,000	(95% Confidence	Wald P-
			Days			• •		•	•		
Medical Product	New Users	at Risk	at Risk	at Risk	of Events	Person-Years	Users	Person-Years	New Users	Interval)	Value
Site-Adjusted Analysi	s, Unweighted										
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	192	10.01	3.31	3.11	1.01	1.51 (1.24,	<0.001
Apixaban Users	96,057	32,036.33	121.82	0.33	221	6.90	2.30	5.11	1.01	1.83)	₹0.001
Inverse Probability of	Treatment W	eighted Anal	ysis; Unwe	ighted, Trin	nmed						
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	192	10.01	3.31	3.11	1.01	N/A	N/A
Apixaban Users	96,018	32,027.57	121.83	0.33	221	6.90	2.30	5.11	1.01	N/A	IV/A
Inverse Probability of	Treatment W	eighted Anal	ysis ¹ ; Weig	ht = ATES, 1	Trimmed ²						
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	224	11.64	3.86	E 24	1 7/	1.91 (1.56,	NI/A
Apixaban Users	96,013	31,893.04	121.33	0.33	204	6.41	2.13	5.24	1.74	2.34)	N/A

¹All values in this section are weighted.

²ATES = Average Treatment Effect, Stabilized.



Table 3b. Effect Estimates for Major Extracranial Bleeding, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and Age Group

	Number of	Person-	Average Person- Days at	Average Person-	Number	Incidence Rate per 1,000	Risk per 1,000 New	Incidence Rate Difference per 1,000 Person-	Risk Difference per 1,000 New	Hazard Ratio (95% Confidence	
Medical Product	New Users	Years at Risk	Risk	Years at Risk	of Events	Person-Years	Users	Years	Users	Interval)	Value
Major Extracranial B	<u> </u>	ation Weight = 0	, ATES Wei	ights							
Site-Adjusted Analysi											
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	192	10.01	3.31	3.11	1.01	1.51 (1.24, 1.83)	<0.001
Apixaban Users	96,057	32,036.33	121.82	0.33	221	6.90	2.30				
Inverse Probability of				-							
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	192	10.01	3.31	3.11	1.01	N/A	N/A
Apixaban Users	96,018	32,027.57	121.83	0.33	221	6.90	2.30				
Inverse Probability of	Treatment We	eighted Analysis	; Weight =	ATES, Trimme	d ²						
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	224	11.64	3.86	5.24	1.74	1.91 (1.56, 2.34)	N/A
Apixaban Users	96,013	31,893.04	121.33	0.33	204	6.41	2.13				
Major Extracranial B	leeding, Trunc	ation Weight = 0	, ATES Wei	ights, Age Grou	p: 21-49 ye	ars					
Site-Adjusted Analysi	s, Unweighted										
Rivaroxaban Users	9,854	2,411.74	89.39	0.24	14	5.80	1.42	1.98	0.45	1.60 (0.76, 3.36)	0.219
Apixaban Users	14,408	3,660.19	92.79	0.25	14	3.82	0.97	1.50	0.43	1.00 (0.70, 3.30)	0.215
Inverse Probability of	Treatment We	eighted Analysis;	Unweighte	ed, Trimmed							
Rivaroxaban Users	9,835	2,408.70	Z	0.24	14	5.81	1.42	2.24	0.52	N/A	N/A
Apixaban Users	14,330	3,642.05	92.83	0.25	13	3.57	0.91	2.24	0.52	N/A	11/7
Inverse Probability of	Treatment We	eighted Analysis	; Weight =	ATES, Trimme	d ²						
Rivaroxaban Users	9,867	2,433.06	90.07	0.25	15	5.96	1.47	2.52	0.60	1.83 (0.86, 3.91)	N/A
Apixaban Users	14,333	3,612.34	92.05	0.25	12	3.45	0.87	2.32	0.00	1.83 (0.80, 3.91)	N/A
Major Extracranial B	leeding, Trunc	ation Weight = 0	, ATES Wei	ights, Age Grou	p: 50-64 ye	ars					
Site-Adjusted Analysi	s, Unweighted										
Rivaroxaban Users	48,071	16,770.86	127.43	0.35	178	10.61	3.70	3.32	1.17	1.52 (1.24, 1.86)	<0.001
Apixaban Users	81,610	28,367.38	126.96	0.35	207	7.30	2.54	3.32	1.1/	1.32 (1.24, 1.00)	\0.001
Inverse Probability of	Treatment We	eighted Analysis;	Unweighte	ed, Trimmed							
Rivaroxaban Users	48,066	16,769.60	127.43	0.35	178	10.61	3.70	2 25	1 10	NI/A	N/A



Table 3b. Effect Estimates for Major Extracranial Bleeding, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and Age Group

			Average			Incidence		Incidence Rate	Risk		
			Person-	Average		Rate per	Risk per	Difference per	Difference per	Hazard Ratio	
	Number of	Person-	Days at	Person-	Number	1,000	1,000 New	1,000 Person-	1,000 New	(95% Confidence	Wald P-
Medical Product	New Users	Years at Risk	Risk	Years at Risk	of Events	Person-Years	Users	Years	Users	Interval)	Value
Apixaban Users	81,600	28,365.64	126.97	0.35	206	7.26	2.52	3.33	1.10	N/A	N/A
Inverse Probability of	Treatment We	righted Analysis	¹ ; Weight =	ATES, Trimme	d ²						
Rivaroxaban Users	48,105	16,740.34	127.11	0.35	208	12.42	4.32	F. C.4	1.07	1.02/1.56.2.27\	N1/A
Apixaban Users	81,592	28,316.70	126.76	0.35	192	6.78	2.35	5.64	1.97	1.93 (1.56, 2.37)	N/A

¹All values in this section are weighted.

²ATES = Average Treatment Effect, Stabilized.



Table 3c. Effect Estimates for Major Extracranial Bleeding, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and CHADSVASC

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 1,000 Person-Years	Risk per 1,000 New Users	Incidence Rate Difference per 1,000 Person-Years	Risk Difference per 1,000 New Users	Hazard Ratio (95% Confidence Interval)	Wald P- Value
Major Extracranial B					OI LVEIILS	reison-rears	Users	reison-rears	INEW OSEIS	intervary	value
Site-Adjusted Analysi		tion treight	o, / 11 20 11 0.18	51160							
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	192	10.01	3.31				
Apixaban Users	96,057	32,036.33	121.82	0.33	221	6.90	2.30	3.11	1.01	1.51 (1.24, 1.83)	<0.001
Inverse Probability of	-	-									
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	192	10.01	3.31				
Apixaban Users	96,018	32,027.57	121.83	0.33	221	6.90	2.30	3.11	1.01	N/A	N/A
Inverse Probability of	Treatment Wei	ghted Analysis	¹ ; Weight =	ATES, Trimme	ed ²						
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	224	11.64	3.86	F 24	1.74	1.01 (1.56. 2.24)	N1 / A
Apixaban Users	96,013	31,893.04	121.33	0.33	204	6.41	2.13	5.24	1.74	1.91 (1.56, 2.34)	N/A
Major Extracranial B	leeding, Trunca	tion Weight =	0, ATES Weig	hts, CHADSV	ASC: 0						
Site-Adjusted Analysi	is, Unweighted										
Rivaroxaban Users	10,764	2,783.19	94.44	0.26	10	3.59	0.93	0.80	0.21	1.27 (0.53, 3.05)	0.599
Apixaban Users	13,941	3,575.00	93.66	0.26	10	2.80	0.72	0.80	0.21	1.27 (0.55, 5.05)	0.555
Inverse Probability of	^f Treatment Wei	ghted Analysis	; Unweighted	d, Trimmed							
Rivaroxaban Users	10,734	2,772.23	Z	0.26	10	3.61	0.93	0.80	0.21	N/A	N/A
Apixaban Users	13,893	3,567.06	93.78	0.26	10	2.80	0.72	0.00	0.21	NYA	NA
Inverse Probability of	^f Treatment Wei	ghted Analysis	¹ ; Weight =	ATES, Trimme	ed ²						
Rivaroxaban Users	10,752	2,800.77	95.14	0.26	11	4.10	1.07	1.01	0.28	1.31 (0.54, 3.15)	N/A
Apixaban Users	13,893	3,553.03	93.41	0.26	11	3.10	0.79			1.51 (6.5 1, 5.15)	
Major Extracranial B	leeding, Trunca	tion Weight =	0, ATES Weig	hts, CHADSV	ASC: 1						
Site-Adjusted Analysi	is, Unweighted										
Rivaroxaban Users	20,330	6,662.97	119.71	0.33	46	6.90	2.26	2.55	0.83	1.61 (1.06, 2.45)	0.024
Apixaban Users	30,084	9,885.18	120.02	0.33	43	4.35	1.43	_,			
Inverse Probability of	^f Treatment Wei	ghted Analysis	; Unweighted	d, Trimmed							
Rivaroxaban Users	20,319	6,660.05	119.72	0.33	46	6.91	2.26	2 55	ሀ 83	NI/A	N/A



Table 3c. Effect Estimates for Major Extracranial Bleeding, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and CHADSVASC

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 1,000 Person-Years	Risk per 1,000 New Users	1,000 Person-Years	Risk Difference per 1,000 New Users	Hazard Ratio (95% Confidence Interval)	Wald P- Value
Apixaban Users	30,050	9,876.57	120.05	0.33	43	4.35	1.43	2.33	0.03	IN/ A	IN/ A
Inverse Probability o	f Treatment Wei	ghted Analysis	s ¹ ; Weight =	ATES, Trimm	ed ²						
Rivaroxaban Users	20,326	6,673.78	119.93	0.33	45	6.75	2.22	2.62	0.86	1.66 (1.09, 2.53)	N/A
Apixaban Users	30,059	9,862.59	119.84	0.33	41	4.14	1.36	2.02	0.80	1.66 (1.09, 2.53)	IN/A
Major Extracranial E	Bleeding, Trunca	tion Weight =	0, ATES Weig	ghts, CHADSV	ASC: 2						
Site-Adjusted Analys	, ,										
Rivaroxaban Users	15,195	5,665.08	136.17	0.37	53	9.36	3.49	1.61	0.60	1.23 (0.86, 1.75)	0.252
Apixaban Users	25,641	9,548.39	136.01	0.37	74	7.75	2.89	1.01		1.23 (0.00, 1.73)	0.232
Inverse Probability o		<u> </u>									
Rivaroxaban Users	15,184	5,662.43	136.21	0.37	53	9.36	3.49	1.60	0.60	N/A	N/A
Apixaban Users	25,603	9,539.34	136.09	0.37	74	7.76	2.89	1.00	0.00	IN/A	IV/A
Inverse Probability o	f Treatment Wei	ghted Analysis	s ¹ ; Weight =	ATES, Trimm							
Rivaroxaban Users	15,201	5,650.62	135.77	0.37	58	10.21	3.79	າດາ	1.04	1 41 (0 00 2 02)	NI/A
Apixaban Users	25,606	9,539.54	136.07	0.37	71	7.39	2.75	2.82	1.04	1.41 (0.98, 2.02)	N/A
Major Extracranial E	Bleeding, Trunca	tion Weight =	0, ATES Weig	hts, CHADSV	ASC: 3						
Site-Adjusted Analys	is, Unweighted										
Rivaroxaban Users	7,610	2,756.78	132.31	0.36	44	15.96	5.78	2.24	2.22	2.25 (4.54.2.65)	0.004
Apixaban Users	15,444	5,502.67	130.14	0.36	37	6.72	2.40	9.24	3.39	2.35 (1.51, 3.65)	<0.001
Inverse Probability o	f Treatment Wei	ghted Analysis	s; Unweighte	d, Trimmed							
Rivaroxaban Users	7,584	2,746.80	132.29	0.36	44	16.02	5.80				
Apixaban Users	15,407	5,496.85	130.31	0.36	37	6.73	2.40	9.29	3.40	N/A	N/A
Inverse Probability o	f Treatment Wei	ghted Analysis	s ¹ ; Weight =	ATES, Trimm	ed ²						
Rivaroxaban Users	7,597	2,692.02	129.42	0.35	47	17.38	6.16				
Apixaban Users	15,417	5,522.77	130.85	0.36	35	6.36	2.28	11.02	3.88	2.72 (1.73, 4.28)	N/A
Major Extracranial E		tion Weight =	0, ATES Weig	ghts, CHADSV	ASC: 4						
Site-Adjusted Analys											
Rivaroxaban Users	3,118	1,057.04	123.82	0.34	31	29.33	9.94	15.31	5.34	2.21 (1.37, 3.57)	0.001
Apixaban Users	8,033	2,638.99	119.99	0.33	37	14.02	4.61	15.51	J.J4	2.21 (1.37, 3.37)	0.001
Inverse Probability o	f Treatment Wei	ghted Analysis	s; Unweighte	d, Trimmed							
Rivaroxaban Users	3,109	1,055.18	123.96	0.34	31	29.38	9.97	15 70	5 21	NI/A	NI/A



Table 3c. Effect Estimates for Major Extracranial Bleeding, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and CHADSVASC

			Average	Average		Incidence	Risk per	Incidence Rate	Risk	Hazard Ratio	
		Person-	Person-	Person-		Rate per	1,000	Difference per	Difference per	(95%	
	Number of	Years	Days	Years	Number	1,000	New	1,000	1,000	Confidence	Wald P-
Medical Product	New Users	at Risk	at Risk	at Risk	of Events	Person-Years	Users	Person-Years	New Users	Interval)	Value
Apixaban Users	7,936	2,624.90	120.81	0.33	37	14.10	4.66	13.20	5.51	IN/A	N/A
Inverse Probability of	Treatment Wei	ghted Analysis	; ¹ ; Weight = .	ATES, Trimme	ed ²						
Rivaroxaban Users	3,130	1,051.63	122.71	0.34	34	32.19	10.81	18.63	6.32	2.53 (1.54, 4.18)	NI/A
Apixaban Users	7,935	2,632.88	121.19	0.33	36	13.55	4.50	16.05	0.32	2.55 (1.54, 4.16)	N/A
Major Extracranial B	leeding, Trunca	tion Weight =	0, ATES Weig	hts, CHADSV	ASC: 5+						
Site-Adjusted Analysi	s, Unweighted										
Rivaroxaban Users	908	257.54	103.60	0.28	8	31.06	8.81	8.27	1.85	1.41 (0.62, 3.21)	0.413
Apixaban Users	2,875	877.34	111.46	0.31	20	22.80	6.96	0.27	1.65	1.41 (0.02, 3.21)	0.413
Inverse Probability of	Treatment Wei	ghted Analysis	; Unweighted	d, Trimmed							
Rivaroxaban Users	894	255.56	104.41	0.29	8	31.30	8.95	9.47	2.18	N/A	N/A
Apixaban Users	2,659	824.58	113.27	0.31	18	21.83	6.77	9.47	2.10	IN/A	IN/A
Inverse Probability of	Treatment Wei	ghted Analysis	; Weight = .	ATES, Trimme	ed ²						
Rivaroxaban Users Apixaban Users	918 2,677	255.87 842.01	101.78 114.89	0.28 0.31	8 17	30.25 20.50	8.43 6.45	9.75	1.98	1.53 (0.65, 3.62)	N/A
Apixabali Users	2,077	042.01	114.03	0.31	1/	20.30	0.43			. , ,	

¹All values in this section are weighted.

²ATES = Average Treatment Effect, Stabilized.



Table 3d. Effect Estimates for Major Extracranial Bleeding, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and HASBLED

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 1,000 Person-Years	Risk per 1,000 New Users	Incidence Rate Difference per 1,000 Person-Years	Risk Difference per 1,000 New Users	Hazard Ratio (95% Confidence Interval)	Wald P
Major Extracranial E					0. 2.0	7 0.50.1. 100.5		1 010011 10015	11011 05015	cc. raily	
Site-Adjusted Analys	<u> </u>		,								
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	192	10.01	3.31	2.44	1.01	4 54 /4 24 4 62\	10.001
Apixaban Users	96,057	32,036.33	121.82	0.33	221	6.90	2.30	3.11	1.01	1.51 (1.24, 1.83)	<0.001
Inverse Probability o	f Treatment Wei	ighted Analysis	; Unweighted	d, Trimmed							
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	192	10.01	3.31	3.11	1.01	N/A	N/A
Apixaban Users	96,018	32,027.57	121.83	0.33	221	6.90	2.30	3.11	1.01	N/A	N/A
Inverse Probability o	f Treatment Wei	ighted Analysis	; Weight =	ATES, Trimme	ed²						
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	224	11.64	3.86	5.24	1.74	1.91 (1.56, 2.34)	N/A
Apixaban Users	96,013	31,893.04	121.33	0.33	204	6.41	2.13	5.24	1.74	1.91 (1.30, 2.34)	IN/A
Major Extracranial E	Bleeding, Trunca	tion Weight =	0, ATES Wei	ghts, HASBLEI	D: 0						
Site-Adjusted Analys	is, Unweighted										
Rivaroxaban Users	15,504	4,312.02	101.58	0.28	18	4.17	1.16	1.31	0.33	1.46 (0.76, 2.80)	0.26
Apixaban Users	21,701	6,284.79	105.78	0.29	18	2.86	0.83	1.51	0.55	1.40 (0.70, 2.00)	0.20
Inverse Probability o	f Treatment Wei	ighted Analysis	; Unweighted	d, Trimmed							
Rivaroxaban Users	15,495	4,310.15	Z	0.28	18	4.18	1.16	1.31	0.33	N/A	N/A
Apixaban Users	21,658	6,275.66	105.84	0.29	18	2.87	0.83	1.51			11,71
Inverse Probability o	f Treatment Wei	ighted Analysis	; Weight =	ATES, Trimme	ed ²						
Rivaroxaban Users	15,510	4,372.35	102.97	0.28	19	4.38	1.23	1.54	0.42	1.53 (0.80, 2.95)	N/A
Apixaban Users	21,657	6,215.24	104.82	0.29	18	2.84	0.82			1.55 (0.00, 2.55)	
Major Extracranial E	Bleeding, Trunca	tion Weight =	0, ATES Weig	ghts, HASBLEI	D: 1						
Site-Adjusted Analys	is, Unweighted										
Rivaroxaban Users	32,496	11,645.84	130.90	0.36	103	8.84	3.17	4.00	1.44	1.87 (1.40, 2.48)	<0.001
Apixaban Users	51,356	18,380.18	130.72	0.36	89	4.84	1.73			(=: :=, =: :=)	
Inverse Probability o	f Treatment Wei	ighted Analysis	; Unweighte	d, Trimmed							
Rivaroxaban Users	32,488	11,642.23	130.89	0.36	103	8.85	3.17	4.06	1 46	NI/A	N/A



Table 3d. Effect Estimates for Major Extracranial Bleeding, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and HASBLED

			Average	Average		Incidence	Risk per	Incidence Rate	Risk	Hazard Ratio	
		Person-	Person-	Person-		Rate per	1,000	•	Difference per	(95%	
	Number of	Years	Days	Years	Number	1,000	New	1,000	1,000	Confidence	Wald P-
Medical Product	New Users	at Risk	at Risk	at Risk	of Events	Person-Years	Users	Person-Years	New Users	Interval)	Value
Apixaban Users	51,319	18,372.30	130.76	0.36	88	4.79	1.71	4.00	1.40	N/A	N/A
Inverse Probability o	f Treatment We	ighted Analysis	s¹; Weight =	ATES, Trimm	ed ²						
Rivaroxaban Users	32,514	11,661.44	131.00	0.36	114	9.78	3.51	5.21	1.88	2.18 (1.63, 2.92)	N/A
Apixaban Users	51,315	18,312.13	130.34	0.36	84	4.57	1.63	5.21	1.00	2.18 (1.03, 2.32)	IN/A
Major Extracranial B	leeding, Trunca	tion Weight =	0, ATES Weig	hts, HASBLE	D: 2						
Site-Adjusted Analys	is, Unweighted										
Rivaroxaban Users	8,091	2,705.86	122.15	0.33	48	17.74	5.93	5.78	1.94	1.54 (1.06, 2.22)	0.022
Apixaban Users	17,262	5,771.69	122.12	0.33	69	11.95	4.00	5.76	1.94	1.54 (1.00, 2.22)	0.022
Inverse Probability o	f Treatment We	ighted Analysis	; Unweighted	d, Trimmed							
Rivaroxaban Users	8,073	2,702.16	122.25	0.33	48	17.76	5.95	5.76	1.93	N/A	N/A
Apixaban Users	17,166	5,750.40	122.35	0.33	69	12.00	4.02	3.70	1.95	IN/A	IN/A
Inverse Probability of	f Treatment We	ighted Analysis	s ¹ ; Weight =	ATES, Trimm							
Rivaroxaban Users	8,101	2,700.17	121.75	0.33	54	19.86	6.62	0.14	2.69	1 76 /1 21 2 50\	N/A
Apixaban Users	17,171	5,754.78	122.41	0.34	67	11.73	3.93	8.14	2.09	1.76 (1.21, 2.58)	IN/A
Major Extracranial B	lleeding, Trunca	tion Weight =	0, ATES Weig	hts, HASBLE	D: 3+						
Site-Adjusted Analys	is, Unweighted										
Rivaroxaban Users	1,834	518.87	103.34	0.28	23	44.33	12.54	16.04	4.64	1.64 (0.99, 2.72)	0.053
Apixaban Users	5,699	1,590.91	101.96	0.28	45	28.29	7.90	10.04	4.04	1.04 (0.33, 2.72)	0.055
Inverse Probability o	f Treatment We	ighted Analysis	s; Unweighted	d, Trimmed							
Rivaroxaban Users	1,824	516.62	103.45	0.28	23	44.52	12.61	16.52	4.74	N/A	N/A
Apixaban Users	5,588	1,571.27	102.70	0.28	44	28.00	7.87	10.32	4./4	IN/ A	111/74
Inverse Probability of		 		ATES, Trimm							
Rivaroxaban Users	1,854	503.93	99.26	0.27	26	51.19	13.91	24.34	6.34	1.97 (1.12, 3.49)	N/A
Apixaban Users	5,598	1,577.47	102.92	0.28	42	26.86	7.57	24.54	0.54	1.5/ (1.12, 5.49)	IN/A

¹All values in this section are weighted.

²ATES = Average Treatment Effect, Stabilized.



Table 3e. Effect Estimates for Major Extracranial Bleeding, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and Sex

Madical Bunder	Number of	Person- Years	Average Person- Days	Average Person- Years	Number	Incidence Rate per 1,000	Risk per 1,000 New	1,000	Risk Difference per 1,000	Hazard Ratio (95% Confidence	Wald P-
Medical Product	New Users	at Risk	at Risk	at Risk	of Events	Person-Years	Users	Person-Years	New Users	Interval)	Value
Major Extracranial B		tion weight =	u, ATES Weig	gnts							
Site-Adjusted Analysi		10 102 01	120.05	0.22	102	10.01	2.24				
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	192	10.01	3.31	3.11	1.01	1.51 (1.24, 1.83)	< 0.001
Apixaban Users	96,057	32,036.33	121.82	0.33	221	6.90	2.30				
Inverse Probability of											
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	192	10.01	3.31	3.11	1.01	N/A	N/A
Apixaban Users	96,018	32,027.57	121.83	0.33	221	6.90	2.30				
Inverse Probability of	f Treatment Wei		; Weight =	ATES, Trimm							
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	224	11.64	3.86	5.24	1.74	1.91 (1.56, 2.34)	N/A
Apixaban Users	96,013	31,893.04	121.33	0.33	204	6.41	2.13				
Major Extracranial B	leeding, Trunca	tion Weight =	0, ATES Weig	hts, Sex: Fen	nale						
Site-Adjusted Analysi	is, Unweighted										
Rivaroxaban Users	14,857	5,257.64	129.26	0.35	68	12.93	4.58	4.25	1.47	1.53 (1.11, 2.10)	0.009
Apixaban Users	28,303	10,129.14	130.72	0.36	88	8.69	3.11	4.23	1.47	1.55 (1.11, 2.10)	0.003
Inverse Probability o	f Treatment Wei	ghted Analysis	; Unweighted	d, Trimmed							
Rivaroxaban Users	14,847	5,254.57	Z	0.35	68	12.94	4.58	4.34	1.50	N/A	N/A
Apixaban Users	28,247	10,118.61	130.84	0.36	87	8.60	3.08	4.34	1.50	IV/A	IN/A
Inverse Probability o	f Treatment Wei	ghted Analysis	¹ ; Weight =	ATES, Trimm	ed ²						
Rivaroxaban Users	14,866	5,239.98	128.75	0.35	76	14.45	5.09	6.45	2.22	1 00 /1 24 2 62)	N/A
Apixaban Users	28,247	10,135.13	131.05	0.36	81	8.00	2.87	0.45	2.22	1.88 (1.34, 2.63)	IN/A
Major Extracranial B	leeding, Trunca	tion Weight =	0, ATES Weig	hts, Sex: Ma	le						
Site-Adjusted Analysi	is, Unweighted										
Rivaroxaban Users	43,068	13,924.96	118.09	0.32	124	8.90	2.88	2.02	0.03	1 52 /1 40 4 05\	ZO 001
Apixaban Users	67,715	21,898.43	118.12	0.32	133	6.07	1.96	2.83	0.92	1.53 (1.19, 1.95)	<0.001
Inverse Probability of	f Treatment Wei	ghted Analysis	; Unweighted	d, Trimmed							
Rivaroxaban Users	43,064	13,924.60	118.10	0.32	124	8.91	2.88	2 83	N Q1	NI/A	NI/A



Table 3e. Effect Estimates for Major Extracranial Bleeding, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and Sex

			Average	Average		Incidence	Risk per	Incidence Rate	Risk	Hazard Ratio	
		Person-	Person-	Person-		Rate per	1,000	Difference per	Difference per	(95%	
	Number of	Years	Days	Years	Number	1,000	New	1,000	1,000	Confidence	Wald P-
Medical Product	New Users	at Risk	at Risk	at Risk	of Events	Person-Years	Users	Person-Years	New Users	Interval)	Value
Apixaban Users	67,682	21,891.11	118.14	0.32	133	6.08	1.97	2.63	0.91	N/A	N/A
Inverse Probability o	f Treatment Wei	ighted Analysis	; Weight =	ATES, Trimme	ed ²						
Rivaroxaban Users	43,110	13,957.08	118.25	0.32	148	10.57	3.42	4.88	1.59	1 05 /1 51 2 51)	NI/A
Apixaban Users	67,675	21,791.30	117.61	0.32	124	5.70	1.83	4.00	1.59	1.95 (1.51, 2.51)	N/A

¹All values in this section are weighted.

²ATES = Average Treatment Effect, Stabilized.



Table 4a. Effect Estimates for Gastrointestinal Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type

			Average	Average				Incidence Rate	Risk	Hazard Ratio	
		Person-	Person-	Person-		Incidence Rate	Risk per	Difference per	Difference per	(95%	
	Number of	Years at	Days at	Years at	Number	per 1,000	1,000 New	1,000 Person-	1,000 New	Confidence	Wald P-
Medical Product	New Users	Risk	Risk	Risk	of Events	Person-Years	Users	Years	Users	Interval)	Value
Site-Adjusted Analysis	s, Unweighted										
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	162	8.44	2.80	2.61	0.85	1.50 (1.22,	<0.001
Apixaban Users	96,057	32,036.33	121.82	0.33	187	5.84	1.95	2.01	0.83	1.86)	\0.001
Inverse Probability of	Treatment W	eighted Anal	ysis; Unwei	ighted, Trin	nmed						
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	162	8.45	2.80	2.61	0.85	N/A	N/A
Apixaban Users	96,018	32,027.57	121.83	0.33	187	5.84	1.95	2.01	0.05	N/A	N/A
Inverse Probability of	Treatment W	eighted Anal	ysis ¹ ; Weig	ht = ATES, 1	Trimmed ²						
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	191	9.95	3.30	4.51	1.49	1.92 (1.54,	NI/A
Apixaban Users	96,013	31,893.04	121.33	0.33	174	5.44	1.81	4.51	1.49	2.39)	N/A

¹All values in this section are weighted.

²ATES = Average Treatment Effect, Stabilized.



Table 4b. Effect Estimates for Gastrointestinal Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and Age Group

								Incidence Rate	Risk		
		Person-	Average	Average		Incidence Rate	Risk per	Difference per	Difference per		
	Number of	Years at	Person-Days	Person-	Number	per 1,000	1,000 New	•	1,000 New	(95% Confidence	
Medical Product	New Users	Risk	at Risk	Years at Risk	of Events	Person-Years	Users	Years	Users	Interval)	Value
Gastrointestinal He	morrhage, Tru	uncation We	eight = 0, ATES	Weights							
Site-Adjusted Analys	sis, Unweighte	rd									
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	162	8.44	2.80	2.61	0.85	1.50 (1.22, 1.86)	<0.001
Apixaban Users	96,057	32,036.33	121.82	0.33	187	5.84	1.95				
Inverse Probability o	f Treatment V	Veighted An	alysis; Unweig	hted, Trimmed	1						
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	162	8.45	2.80	2.61	0.85	N/A	N/A
Apixaban Users	96,018	32,027.57	121.83	0.33	187	5.84	1.95	2.01	0.03	NA	14774
Inverse Probability o	f Treatment V	Veighted An	alysis ¹ ; Weigł	nt = ATES, Trim	med ²						
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	191	9.95	3.30	4.51	1.49	1.92 (1.54, 2.39)	N/A
Apixaban Users	96,013	31,893.04	121.33	0.33	174	5.44	1.81	4.51	1.49	1.92 (1.54, 2.59)	IN/A
Gastrointestinal He	morrhage, Tru	uncation We	eight = 0, ATES	Weights, Age	Group: 21-	49 years					
Site-Adjusted Analys	sis, Unweighte	ed									
Rivaroxaban Users	9,854	2,411.74	89.39	0.24	7	2.90	0.71	1.26	0.29	1.84 (0.62, 5.48)	0.275
Apixaban Users	14,408	3,660.19	92.79	0.25	6	1.64	0.42	1.20	0.23	1.04 (0.02, 3.40)	0.275
Inverse Probability o	f Treatment V	Veighted An	alysis; Unweig	hted, Trimmed	1						
Rivaroxaban Users	9,835	2,408.70	Z	0.24	7	2.91	0.71	1.53	0.36	N/A	N/A
Apixaban Users	14,330	3,642.05	92.83	0.25	5	1.37	0.35	1.55	0.30	N/A	IN/ A
Inverse Probability o	f Treatment V	Veighted An	alysis ¹ ; Weigh	nt = ATES, Trim	med ²						
Rivaroxaban Users	9,867	2,433.06	90.07	0.25	6	2.60	0.64	1.25	0.30	2.01 (0.65, 6.22)	N/A
Apixaban Users	14,333	3,612.34	92.05	0.25	5	1.35	0.34	1.23	0.30	2.01 (0.03, 0.22)	IN/ A
Gastrointestinal He	morrhage, Tru	uncation We	eight = 0, ATES	Weights, Age	Group: 50-	64 years					
Site-Adjusted Analys	sis, Unweighte	rd									
Rivaroxaban Users	48,071	16,770.86	127.43	0.35	155	9.24	3.22	2.86	1.01	1.51 (1.22, 1.87)	<0.001
Apixaban Users	81,610	28,367.38	126.96	0.35	181	6.38	2.22	2.00	1.01	1.31 (1.22, 1.87)	\U.UUI
Inverse Probability o	f Treatment V	Veighted An	alysis; Unweig	hted, Trimmed	ı						
Rivaroxaban Users	48,066	16,769.60	127.43	0.35	155	9.24	3.22	2 90	1 02	N/A	NI/A



Table 4b. Effect Estimates for Gastrointestinal Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and Age Group

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 1,000 Person-Years	Risk per 1,000 New Users	Incidence Rate Difference per 1,000 Person- Years	Risk Difference per 1,000 New Users		Wald P- Value
Apixaban Users	81,600	28,365.64	126.97	0.35	180	6.35	2.21	2.90	1.02	IV/ A	N/A
Inverse Probability o	f Treatment V	Veighted An	alysis ¹ ; Weigl	nt = ATES, Trim	med ²						
Rivaroxaban Users	48,105	16,740.34	127.11	0.35	183	10.94	3.81	4.00	1 74	1 02 /1 54 2 42)	NI/A
Apixaban Users	81,592	28,316.70	126.76	0.35	169	5.95	2.07	4.99	1.74	1.93 (1.54, 2.42)	N/A

¹All values in this section are weighted.

²ATES = Average Treatment Effect, Stabilized.



Table 4c. Effect Estimates for Gastrointestinal Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and CHADSVASC

				Average			Risk per	Incidence Rate	Risk		
		Person-	Average	Person-		Incidence	1,000	· ·	Difference per	Hazard Ratio	
	Number of	Years	Person-Days	Years	Number	Rate per 1,000	New	1,000	1,000	(95% Confidence	
Medical Product	New Users	at Risk	at Risk	at Risk	of Events	Person-Years	Users	Person-Years	New Users	Interval)	Value
Gastrointestinal He			eight = 0, ATES \	Neights							
Site-Adjusted Analys	sis, Unweighte	d									
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	162	8.44	2.80	2.61	0.85	1.50 (1.22, 1.86)	<0.001
Apixaban Users	96,057	32,036.33	121.82	0.33	187	5.84	1.95				
Inverse Probability o	of Treatment V	Veighted An	alysis; Unweigh	ted, Trimme	d						
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	162	8.45	2.80	2.61	0.85	N/A	N/A
Apixaban Users	96,018	32,027.57	121.83	0.33	187	5.84	1.95	2.01	0.03	14/7	14,71
Inverse Probability o	of Treatment V	Veighted An	alysis ¹ ; Weight	: = ATES, Trin	nmed ²						
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	191	9.95	3.30	4.51	1.49	1.92 (1.54, 2.39)	N/A
Apixaban Users	96,013	31,893.04	121.33	0.33	174	5.44	1.81	4.51	1.49	1.92 (1.34, 2.39)	IN/ A
Gastrointestinal He	morrhage, Tru	uncation We	eight = 0, ATES \	Neights, CH	ADSVASC: 0						
Site-Adjusted Analys	sis, Unweighte	rd									
Rivaroxaban Users	10,764	2,783.19	94.44	0.26	9	3.23	0.84	0.72	0.19	1.27 (0.50, 3.20)	0.614
Apixaban Users	13,941	3,575.00	93.66	0.26	9	2.52	0.65	0.72	0.13	1.27 (0.30, 3.20)	0.014
Inverse Probability o	of Treatment V	Veighted An	alysis; Unweigh	ted, Trimme	d						
Rivaroxaban Users	10,734	2,772.23	Z	0.26	9	3.25	0.84	0.72	0.19	N/A	N/A
Apixaban Users	13,893	3,567.06	93.78	0.26	9	2.52	0.65	0.72	0.19	N/A	IN/ A
Inverse Probability o	of Treatment V	Veighted An	alysis ¹ ; Weight	: = ATES, Trin	nmed ²						
Rivaroxaban Users	10,752	2,800.77	95.14	0.26	10	3.69	0.96	0.90	0.25	1.31 (0.52, 3.30)	N/A
Apixaban Users	13,893	3,553.03	93.41	0.26	10	2.79	0.71	0.90	0.23	1.51 (0.52, 5.50)	IN/A
Gastrointestinal He	morrhage, Tru	uncation We	eight = 0, ATES \	Weights, CH	ADSVASC: 1						
Site-Adjusted Analys	sis, Unweighte	d									
Rivaroxaban Users	20,330	6,662.97	119.71	0.33	37	5.55	1.82	1.81	0.59	1.50 (0.95, 2.37)	0.081
	30,084	9,885.18	120.02	0.33	37	3.74	1.23	1.01	0.59	1.30 (0.93, 2.37)	0.061
Apixaban Users	00,00.										
Apixaban Users Inverse Probability of	<u> </u>	Veighted An	alysis; Unweigh	ted, Trimme	d						



Table 4c. Effect Estimates for Gastrointestinal Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and CHADSVASC

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 1,000 Person-Years	Risk per 1,000 New Users	1,000 Person-Years	Difference per 1,000 New Users	(95% Confidence Interval)	Value
Apixaban Users	30,050	9,876.57	120.05	0.33	37	3.75	1.23	1.01	0.33	IN/ A	N/A
Inverse Probability o	of Treatment \	Neighted Ai	nalysis ¹ ; Weigl	nt = ATES, Trir	nmed ²						
Rivaroxaban Users	20,326	6,673.78	119.93	0.33	36	5.41	1.78	1.92	0.63	1.57 (0.99, 2.49)	N/A
Apixaban Users	30,059	9,862.59	119.84	0.33	34	3.49	1.15	1.92	0.03	1.57 (0.55, 2.45)	IN/ A
Gastrointestinal He	morrhage, Tr	uncation W	eight = 0, ATES	Weights, CH	ADSVASC: 2						
Site-Adjusted Analy	sis, Unweighte	ed									
Rivaroxaban Users	15195	5,665.08	136.17	0.37	45	7.94	2.96	1.55	0.58	1.27 (0.86, 1.86)	0.231
Apixaban Users	25641	9,548.39	136.01	0.37	61	6.39	2.38				
Inverse Probability (of Treatment \	Neighted Ai	nalysis; Unweig	hted, Trimme	rd						
Rivaroxaban Users	15184	5,662.43	136.21	0.37	45	7.95	2.96	1.55	0.58	N/A	N/A
Apixaban Users	25603	9,539.34	136.09	0.37	61	6.39	2.38				
Inverse Probability o	of Treatment \	Neighted Ai	nalysis ¹ ; Weigl	nt = ATES, Trir	nmed ²						
Rivaroxaban Users	15201.0507	5,650.62	135.77	0.37	49	8.60	3.20	2.46	0.91	1.43 (0.96, 2.13)	N/A
Apixaban Users	25606.4819	9,539.54	136.07	0.37	58	6.13	2.28				
Gastrointestinal He	morrhage, Tr	uncation W	eight = 0, ATES	Weights, CH	ADSVASC: 3						
Site-Adjusted Analy	sis, Unweighte	ed .									
Rivaroxaban Users	7610	2,756.78	132.31	0.36	36	13.06	4.73	7.61	2.79	2.34 (1.44, 3.82)	<0.001
Apixaban Users	15444	5,502.67	130.14	0.36	30	5.45	1.94				
Inverse Probability (of Treatment \	Neighted Ai	nalysis; Unweig	hted, Trimme	rd						
Rivaroxaban Users	7584	2,746.80	132.29	0.36	36	13.11	4.75	7.65	2.80	N/A	N/A
Apixaban Users	15407	5,496.85	130.31	0.36	30	5.46	1.95				
Inverse Probability o	of Treatment \	Neighted Ai	nalysis ¹ ; Weigl	nt = ATES, Trir	nmed ²						
Rivaroxaban Users	7597.3676	2,692.02	129.42	0.35	39	14.38	5.10	9.25	3.26	2.76 (1.67, 4.57)	N/A
Apixaban Users	15416.6304	5,522.77	130.85	0.36	28	5.13	1.84				
Gastrointestinal He	morrhage, Tr	uncation W	eight = 0, ATES	Weights, CH	ADSVASC: 4						
Site-Adjusted Analy	sis, Unweighte	<u></u>									



Table 4c. Effect Estimates for Gastrointestinal Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and CHADSVASC

				Average			Risk per	Incidence Rate	Risk		
		Person-	Average	Person-		Incidence	1,000	•	Difference per		
	Number of	Years	Person-Days	Years	Number	Rate per 1,000		1,000	1,000	(95% Confidence	
Medical Product	New Users	at Risk	at Risk	at Risk	of Events	Person-Years	Users	Person-Years	New Users	Interval)	Value
Rivaroxaban Users	3118	1,057.04	123.82	0.34	27	25.54	8.66	13.42	4.68	2.23 (1.33, 3.72)	0.002
Apixaban Users	8033	2,638.99	119.99	0.33	32	12.13	3.98				
Inverse Probability	of Treatment \	Veighted Ai	nalysis; Unweig	hted, Trimme	rd						
Rivaroxaban Users	3109	1,055.18	123.96	0.34	27	25.59	8.68	13.40	4.65	N/A	N/A
Apixaban Users	7936	2,624.90	120.81	0.33	32	12.19	4.03				
Inverse Probability	of Treatment \	Veighted Ai	nalysis ¹ ; Weigl	nt = ATES, Trir	nmed ²						
Rivaroxaban Users	3130.12868	1,051.63	122.71	0.34	30	28.34	9.52	16.70	5.66	2.61 (1.52, 4.47)	N/A
Apixaban Users	7935.24101	2,632.88	121.19	0.33	31	11.64	3.86				
Gastrointestinal He	morrhage, Tr	uncation W	eight = 0, ATES	Weights, CH	ADSVASC: 5-	+					
Site-Adjusted Analy	sis, Unweighte	ed .									
Rivaroxaban Users	908	257.54	103.60	0.28	8	31.06	8.81	10.55	2.55	1.55 (0.67, 3.59)	0.302
Apixaban Users	2875	877.34	111.46	0.31	18	20.52	6.26				
Inverse Probability	of Treatment \	Veighted Ai	nalysis; Unweig	hted, Trimme	rd						
Rivaroxaban Users	894	255.56	104.41	0.29	8	31.30	8.95	13.11	3.31	N/A	N/A
Apixaban Users	2659	824.58	113.27	0.31	15	18.19	5.64				
Inverse Probability	of Treatment \	Veighted Ai	nalysis ¹ ; Weigl	nt = ATES, Trir	mmed ²						
Rivaroxaban Users	918.226237	255.87	101.78	0.28	8	30.25	8.43	13.02	3.01	1.82 (0.75, 4.42)	N/A
Apixaban Users	2676.78454	842.01	114.89	0.31	15	17.23	5.42				

¹All values in this section are weighted. ²ATES = Average Treatment Effect, Stabilized.



Table 4d. Effect Estimates for Gastrointestinal Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and HASBLED

				Average			Risk per	Incidence Rate	Risk		
		Person-	Average	Person-		Incidence	1,000	•	Difference per	Hazard Ratio	
Madical Duadoch	Number of New Users	Years	Person-Days	Years	Number	Rate per 1,000	New	1,000	1,000	(95% Confidence	
Medical Product Gastrointestinal He		at Risk	at Risk	at Risk	of Events	Person-Years	Users	Person-Years	New Users	Interval)	Value
Site-Adjusted Analys			eigiit - 0, ATES V	veignts							
· · · · ·			120.05	0.22	162	0.44	2.00	2.64	0.05	4.50./4.33.4.06\	10.001
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	162	8.44	2.80	2.61	0.85	1.50 (1.22, 1.86)	<0.001
Apixaban Users	96,057	32,036.33	121.82	0.33	187	5.84	1.95				
Inverse Probability o	-			-							
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	162	8.45	2.80	2.61	0.85	N/A	N/A
Apixaban Users	96,018	32,027.57	121.83	0.33	187	5.84	1.95				
Inverse Probability o	f Treatment V	Veighted An	alysis ¹ ; Weight	: = ATES, Trin	nmed ²						
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	191	9.95	3.30	4.51	1.49	1.92 (1.54, 2.39)	N/A
Apixaban Users	96,013	31,893.04	121.33	0.33	174	5.44	1.81				
Gastrointestinal He	morrhage, Tru	uncation We	eight = 0, ATES \	Neights, HA	SBLED: 0						
Site-Adjusted Analys	sis, Unweighte	ed .									
Rivaroxaban Users	15,504	4,312.02	101.58	0.28	14	3.25	0.90	0.54	0.12	1.19 (0.59, 2.41)	0.632
Apixaban Users	21,701	6,284.79	105.78	0.29	17	2.70	0.78				
Inverse Probability o	f Treatment V	Veighted An	alysis; Unweigh	ted, Trimme	d						
Rivaroxaban Users	15,495	4,310.15	Z	0.28	14	3.25	0.90	0.54	0.12	N/A	N/A
Apixaban Users	21,658	6,275.66	105.84	0.29	17	2.71	0.78				
Inverse Probability o	of Treatment V	Veighted An	alysis ¹ ; Weight	: = ATES, Trin	nmed ²						
Rivaroxaban Users	15,510	4,372.35	102.97	0.28	15	3.36	0.95	0.65	0.17	1.22 (0.61, 2.48)	N/A
Apixaban Users	21,657	6,215.24	104.82	0.29	17	2.71	0.78				
Gastrointestinal He	morrhage, Tru	uncation We	eight = 0, ATES \	Neights, HA	SBLED: 1						
Site-Adjusted Analys	sis, Unweighte	rd									
Rivaroxaban Users	32,496	11,645.84	130.90	0.36	89	7.64	2.74	3.51	1.26	1.88 (1.38, 2.56)	<0.001
Apixaban Users	51,356	18,380.18	130.72	0.36	76	4.13	1.48				
Inverse Probability o		Veighted An	alysis; Unweigh	ted, Trimme	d						
Rivaroxaban Users	32,488	11,642.23	130.89	0.36	89	7.64	2.74	3.56	1.28	N/A	N/A



Table 4d. Effect Estimates for Gastrointestinal Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and HASBLED

				Average			Risk per	Incidence Rate	Risk		
		Person-	Average	Person-		Incidence	1,000	Difference per	Difference per	Hazard Ratio	
	Number of	Years	Person-Days	Years	Number	Rate per 1,000	New	1,000	1,000	(95% Confidence	Wald P-
Medical Product	New Users	at Risk	at Risk	at Risk	of Events	Person-Years	Users	Person-Years	New Users	Interval)	Value
Apixaban Users	51,319	18,372.30	130.76	0.36	75	4.08	1.46				
Inverse Probability o	of Treatment V	Veighted An	alysis ¹ ; Weigi	ht = ATES, Trir	nmed ²						
Rivaroxaban Users	32,514	11,661.44	131.00	0.36	101	8.64	3.10	4.72	1.70	2.24 (1.64, 3.07)	N/A
Apixaban Users	51,315	18,312.13	130.34	0.36	72	3.92	1.40				
Gastrointestinal Hemo	orrhage, Trunca	ntion Weight	= 0, ATES Weigh	nts, HASBLED: 2	2						
Site-Adjusted Analys	sis, Unweighte	rd									
Rivaroxaban Users	8091	2,705.86	122.15	0.33	40	14.78	4.94	4.73	1.58	1.52 (1.02, 2.28)	0.041
Apixaban Users	17262	5,771.69	122.12	0.33	58	10.05	3.36				
Inverse Probability o	of Treatment V	Veighted An	alysis; Unweig	hted, Trimme	rd						
Rivaroxaban Users	8073	2,702.16	122.25	0.33	40	14.80	4.95	4.72	1.58	N/A	N/A
Apixaban Users	17166	5,750.40	122.35	0.33	58	10.09	3.38				
Inverse Probability o	of Treatment V	Veighted An	alysis ¹ ; Weigi	ht = ATES, Trir	nmed ²						
Rivaroxaban Users	8100.56528	2,700.17	121.75	0.33	45	16.49	5.50	6.72	2.22	1.75 (1.16, 2.66)	N/A
Apixaban Users	17170.702	5,754.78	122.41	0.34	56	9.77	3.27				
Gastrointestinal He	morrhage, Tru	uncation We	eight = 0, ATES	Weights, HA	SBLED: 3+						
Site-Adjusted Analys	sis, Unweighte	d									
Rivaroxaban Users	1834	518.87	103.34	0.28	19	36.62	10.36	13.99	4.04	1.70 (0.97, 2.96)	0.063
Apixaban Users	5699	1,590.91	101.96	0.28	36	22.63	6.32				
Inverse Probability o	of Treatment V	Veighted An	alysis; Unweig	hted, Trimme	d						
Rivaroxaban Users	1824	516.62	103.45	0.28	19	36.78	10.42	14.50	4.15	N/A	N/A
Apixaban Users	5588	1,571.27	102.70	0.28	35	22.27	6.26				
Inverse Probability o	of Treatment V	Veighted An	alysis ¹ ; Weigi	ht = ATES, Trir	nmed ²						
Rivaroxaban Users	1854.43352		99.26	0.27	20	39.42	10.71	18.18	4.73	1.93 (1.04, 3.59)	N/A
Apixaban Users	5598.01131	1,577.47	102.92	0.28	34	21.24	5.98				

¹All values in this section are weighted.

²ATES = Average Treatment Effect, Stabilized.



Table 4e. Effect Estimates for Gastrointestinal Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and Sex

	Number of	Person- Years	Average Person-Days	Average Person- Years	Number	Incidence Rate per 1,000	Risk per 1,000 New	Incidence Rate Difference per 1,000	Risk Difference per 1,000	Hazard Ratio (95% Confidence	Wald P-
Medical Product	New Users	at Risk	at Risk	at Risk	of Events	Person-Years	Users	Person-Years	New Users	Interval)	Value
Gastrointestinal He	morrhage, Tru	uncation We	eight = 0, ATES \	Neights							
Site-Adjusted Analys	sis, Unweighte	ed .									
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	162	8.44	2.80	2.61	0.85	1.50 (1.22, 1.86)	<0.001
Apixaban Users	96,057	32,036.33	121.82	0.33	187	5.84	1.95	2.01	0.83	1.50 (1.22, 1.00)	\0.001
Inverse Probability o	of Treatment V	Veighted An	alysis; Unweigh	ted, Trimme	d						
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	162	8.45	2.80	2.61	0.85	N/A	N/A
Apixaban Users	96,018	32,027.57	121.83	0.33	187	5.84	1.95	2.01	0.83	N/A	NA
Inverse Probability o	of Treatment V	Veighted An	alysis ¹ ; Weight	: = ATES, Trin	nmed ²						
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	191	9.95	3.30	4.51	1.49	1.92 (1.54, 2.39)	N/A
Apixaban Users	96,013	31,893.04	121.33	0.33	174	5.44	1.81	4.51	1.49	1.92 (1.54, 2.59)	NA
Gastrointestinal He	morrhage, Tru	uncation We	eight = 0, ATES \	Neights, Sex	: Female						
Site-Adjusted Analys	sis, Unweighte	ed .									
Rivaroxaban Users	14,857	5,257.64	129.26	0.35	52	9.89	3.50	2.98	1.03	1.47 (1.03, 2.11)	0.036
Apixaban Users	28,303	10,129.14	130.72	0.36	70	6.91	2.47	2.50	1.03	1.47 (1.03, 2.11)	0.030
Inverse Probability o	of Treatment V	Veighted An	alysis; Unweigh	ted, Trimme	d						
Rivaroxaban Users	14,847	5,254.57	Z	0.35	52	9.90	3.50	2.98	1.02	N/A	N/A
Apixaban Users	28,247	10,118.61	130.84	0.36	70	6.92	2.48	2.50	1.02	N/A	NA
Inverse Probability o	of Treatment V	Veighted An	alysis ¹ ; Weight	: = ATES, Trin	nmed ²						
Rivaroxaban Users	14,866	5,239.98	128.75	0.35	60	11.43	4.03	5.05	1.74	1.87 (1.27, 2.75)	N/A
Apixaban Users	28,247	10,135.13	131.05	0.36	65	6.39	2.29	3.03	1.74	1.07 (1.27, 2.73)	11/7
Gastrointestinal He	morrhage, Tru	uncation We	eight = 0, ATES \	Weights, Sex	: Male						
Site-Adjusted Analys	sis, Unweighte	ed .									
Rivaroxaban Users	43,068	13,924.96	118.09	0.32	110	7.90	2.55	2.56	0.83	1.54 (1.18, 2.00)	0.001
Apixaban Users	67,715	21,898.43	118.12	0.32	117	5.34	1.73	2.50	0.03	1.54 (1.10, 2.00)	5.001
Inverse Probability o	of Treatment V	Weighted An	alysis; Unweigh	ted, Trimme	d						
Rivaroxaban Users	43,064	13,924.60	118.10	0.32	110	7.90	2.55	2 56	U 83	NI/A	Ν/Δ



Table 4e. Effect Estimates for Gastrointestinal Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and Sex

				Average			Risk per	Incidence Rate	Risk		
		Person-	Average	Person-		Incidence	1,000	Difference per	Difference per	Hazard Ratio	
	Number of	Years	Person-Days	Years	Number	Rate per 1,000	New	1,000	1,000	(95% Confidence	Wald P-
Medical Product	New Users	at Risk	at Risk	at Risk	of Events	Person-Years	Users	Person-Years	New Users	Interval)	Value
Apixaban Users	67,682	21,891.11	118.14	0.32	117	5.34	1.73	2.30	0.83	N/A	N/A
Inverse Probability o	of Treatment V	Veighted An	alysis ¹ ; Weight	: = ATES, Trin	nmed ²						
Rivaroxaban Users	43,110	13,957.08	118.25	0.32	132	9.49	3.07	4.45	1 45	1.00 (1.51.3.50)	NI/A
Apixaban Users	67,675	21,791.30	117.61	0.32	110	5.04	1.62	4.45	1.45	1.98 (1.51, 2.59)	N/A

¹All values in this section are weighted.

²ATES = Average Treatment Effect, Stabilized.



Table 5a. Effect Estimates for Intracranial Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type

			Average	Average				Incidence Rate	Risk	Hazard Ratio	
		Person-	Person-	Person-		Incidence Rate	Risk per	Difference per	Difference per	(95%	
	Number of	Years at	Days at	Years at	Number	per 1,000	1,000 New	1,000 Person-	1,000 New	Confidence	Wald P-
Medical Product	New Users	Risk	Risk	Risk	of Events	Person-Years	Users	Years	Users	Interval)	Value
Site-Adjusted Analysis	s, Unweighted										
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	29	1.51	0.50	0.33	0.10	1.30 (0.80,	0.297
Apixaban Users	96,057	32,036.33	121.82	0.33	38	1.19	0.40	0.33	0.10	2.11)	0.237
Inverse Probability of	Treatment W	eighted Anal	ysis; Unwei	ighted, Trin	nmed						
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	29	1.51	0.50	0.33	0.10	N/A	N/A
Apixaban Users	96,018	32,027.57	121.83	0.33	38	1.19	0.40	0.55	0.10	N/A	N/A
Inverse Probability of	Treatment W	eighted Analy	ysis ¹ ; Weig	ht = ATES, 1	Trimmed ²						
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	34	1.77	0.59	0.66	0.22	1.63 (0.99,	NI/A
Apixaban Users	96,013	31,893.04	121.33	0.33	35	1.11	0.37	0.66	0.22	2.70)	N/A

¹All values in this section are weighted.

²ATES = Average Treatment Effect, Stabilized.



Table 5b. Effect Estimates for Intracranial Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and Age Group

						Incidence		Incidence Rate	Risk		
		Person-	Average	Average		Rate per	Risk per	Difference per	Difference per	Hazard Ratio	
	Number of	Years at	Person-Days	Person-	Number	•	•	1,000 Person-	1,000 New	(95% Confidence	
Medical Product	New Users	Risk	at Risk	Years at Risk	of Events	Years	Users	Years	Users	Interval)	Value
Intracranial Hemorrh		n Weight = 0), ATES Weight	S							
Site-Adjusted Analysis	·										
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	29	1.51	0.50	0.33	0.10	1.30 (0.80, 2.11)	0.297
Apixaban Users	96,057	32,036.33	121.82	0.33	38	1.19	0.40				
Inverse Probability of	Treatment We	ighted Analy	sis; Unweighte	d, Trimmed							
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	29	1.51	0.50	0.33	0.10	N/A	N/A
Apixaban Users	96,018	32,027.57	121.83	0.33	38	1.19	0.40	0.55	0.10	N/A	11/7
Inverse Probability of	Treatment We	ighted Analy	sis ¹ ; Weight =	ATES, Trimme	d²						
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	34	1.77	0.59	0.66	0.22	1.63 (0.99, 2.70)	N/A
Apixaban Users	96,013	31,893.04	121.33	0.33	35	1.11	0.37	0.00	0.22	1.03 (0.99, 2.70)	IN/A
Intracranial Hemorrh	age, Truncatio	n Weight = 0), ATES Weight	s, Age Group: 2	21-49 years						
Site-Adjusted Analysis	s, Unweighted										
Rivaroxaban Users	9,854	2,411.74	89.39	0.24	3	1.24	0.30	0.97	0.24	4.41 (0.46, 42.47)	0 100
Apixaban Users	14,408	3,660.19	92.79	0.25	1	0.27	0.07	0.57	0.24	4.41 (0.40, 42.47)	0.199
Inverse Probability of	Treatment We	ighted Analy	sis; Unweighte	d, Trimmed							
Rivaroxaban Users	9,835	2,408.70	Z	0.24	3	1.25	0.31	0.97	0.24	N/A	N/A
Apixaban Users	14,330	3,642.05	92.83	0.25	1	0.27	0.07	0.97	0.24	N/A	IN/A
Inverse Probability of	Treatment We	ighted Analy	sis ¹ ; Weight =	ATES, Trimme	d ²						
Rivaroxaban Users	9,867	2,433.06	90.07	0.25	4	1.44	0.36	1.12	0.27	4.26 (0.46, 41.20)	NI/A
Apixaban Users	14,333	3,612.34	92.05	0.25	1	0.32	0.08	1.12	0.27	4.36 (0.46, 41.30)	N/A
Intracranial Hemorrh	age, Truncatio	n Weight = 0), ATES Weight	s, Age Group: !	50-64 years						
S:: A !:	s, Unweighted										
Site-Adjusted Analysis					26	1.55	0.54				
Rivaroxaban Users	48,071	16,770.86	127.43	0.35	20	1.55	0.0 .	0.0E	0.00	1 20 (0 72 2 00)	0.472
	48,071 81,610	16,770.86 28,367.38	127.43 126.96	0.35 0.35	37	1.30	0.45	0.25	0.09	1.20 (0.73, 2.00)	0.473
Rivaroxaban Users	81,610	28,367.38	126.96	0.35				0.25	0.09	1.20 (0.73, 2.00)	0.473



Table 5b. Effect Estimates for Intracranial Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and Age Group

						Incidence		Incidence Rate	Risk		
		Person-	Average	Average		Rate per	Risk per	Difference per	Difference per	Hazard Ratio	
	Number of	Years at	Person-Days	Person-	Number	1,000 Person-	1,000 New	1,000 Person-	1,000 New	(95% Confidence	Wald P-
Medical Product	New Users	Risk	at Risk	Years at Risk	of Events	Years	Users	Years	Users	Interval)	Value
Apixaban Users	81,600	28,365.64	126.97	0.35	37	1.30	0.45	0.23	0.09	N/A	N/A
Inverse Probability of	Treatment We	ighted Analy	rsis ¹ ; Weight =	ATES, Trimmed	d^2						
Rivaroxaban Users	48,105	16,740.34	127.11	0.35	30	1.80	0.63	0.50	0.21	1 [2 (0 00 2 [6)	NI/A
Apixaban Users	81,592	28,316.70	126.76	0.35	34	1.22	0.42	0.59	0.21	1.52 (0.90, 2.56)	N/A

¹All values in this section are weighted.

²ATES = Average Treatment Effect, Stabilized.



Table 5c. Effect Estimates for Intracranial Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and CHADSVASC

				Average		Incidence		Incidence Rate	Risk		
		Person-	Average	Person-		Rate per	Risk per	Difference per	Difference per	Hazard Ratio	
	Number of	Years at	Person-Days	Years at	Number	1,000 Person-	•	•	1,000 New	(95% Confidence	
Medical Product	New Users	Risk	at Risk	Risk	of Events	Years	Users	Years	Users	Interval)	Value
Intracranial Hemor			= 0, ATES Weigh	ts							
Site-Adjusted Analy		ed									
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	29	1.51	0.50	0.33	0.10	1.30 (0.80, 2.11)	0.297
Apixaban Users	96,057	32,036.33	121.82	0.33	38	1.19	0.40				
Inverse Probability	of Treatment	Weighted An	alysis; Unweight	ed, Trimmea	l						
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	29	1.51	0.50	0.33	0.10	N/A	N/A
Apixaban Users	96,018	32,027.57	121.83	0.33	38	1.19	0.40			,,,,	.,,,,
Inverse Probability	of Treatment	Weighted An	alysis ¹ ; Weight	= ATES, Trim	med ²						
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	34	1.77	0.59	0.66	0.22	1.63 (0.99, 2.70)	N/A
Apixaban Users	96,013	31,893.04	121.33	0.33	35	1.11	0.37	0.00	0.22	1.03 (0.33, 2.70)	NA
Intracranial Hemor	rhage, Trunca	tion Weight	= 0, ATES Weigh	ts, CHADSV	ASC: 0						
Site-Adjusted Analy	sis, Unweight	ed									
Rivaroxaban Users	10,764	2,783.19	94.44	0.26	2	0.72	0.19	0.16	0.04	1.30 (0.18, 9.25)	0.793
Apixaban Users	13,941	3,575.00	93.66	0.26	2	0.56	0.14	0.10	0.04	1.50 (0.16, 5.25)	0.755
Inverse Probability	of Treatment	Weighted An	alysis; Unweight	ed, Trimmea	1						
Rivaroxaban Users	10,734	2,772.23	Z	0.26	2	0.72	0.19	0.16	0.04	N/A	N/A
Apixaban Users	13,893	3,567.06	93.78	0.26	2	0.56	0.14	0.10	0.04	N/A	IN/A
Inverse Probability	of Treatment	Weighted An	alysis ¹ ; Weight	= ATES, Trim	med ²						
Rivaroxaban Users	10,752	2,800.77	95.14	0.26	2	0.65	0.17	0.13	0.04	1.29 (0.19, 8.91)	N/A
Apixaban Users	13,893	3,553.03	93.41	0.26	2	0.51	0.13	0.13	0.04	1.29 (0.19, 6.91)	IN/A
Intracranial Hemor	rhage, Trunca	tion Weight	= 0, ATES Weigh	ts, CHADSV	ASC: 1						
Site-Adjusted Analy	sis, Unweighte	ed									
Rivaroxaban Users	20,330	6,662.97	119.71	0.33	6	0.90	0.30	-0.11	-0.04	0.95 (0.34, 2.62)	0.919
Apixaban Users	30,084	9,885.18	120.02	0.33	10	1.01	0.33	-0.11	-0.04	0.55 (0.54, 2.02)	0.919
Inverse Probability	of Treatment	Weighted An	alysis; Unweight	ed, Trimmed	1						
Rivaroxaban Users	20,319	6,660.05	119.72	0.33	6	0.90	0.30				



Table 5c. Effect Estimates for Intracranial Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and CHADSVASC

				Average		Incidence		Incidence Rate	Risk		
		Person-	Average	Person-		Rate per	Risk per	Difference per	Difference per	Hazard Ratio	
	Number of	Years at	Person-Days	Years at	Number	1,000 Person-	1,000 New	1,000 Person-	1,000 New	(95% Confidence	Wald P
Medical Product	New Users	Risk	at Risk	Risk	of Events	Years	Users	Years	Users -0.04	Interval)	Value
Apixaban Users	30,050	9,876.57	120.05	0.33	10	1.01	0.33	-		<u>, </u>	
Inverse Probability	of Treatment \	Weighted An	alysis ¹ ; Weight	= ATES, Trim	med ²						
Rivaroxaban Users	20,326	6,673.78	119.93	0.33	6	0.88	0.29	-0.12	-0.04	0.93 (0.34, 2.55)	N/A
Apixaban Users	30,059	9,862.59	119.84	0.33	10	0.99	0.33	0.12	0.04	0.55 (0.54, 2.55)	14//1
Intracranial Hemor	rhage, Trunca	tion Weight	= 0, ATES Weigh	ts, CHADSV	ASC: 2						
Site-Adjusted Analy	sis, Unweighte	ed									
Rivaroxaban Users	15,195	5,665.08	136.17	0.37	9	1.59	0.59	0.86	0.32	2.22 (0.83, 5.97)	0.113
Apixaban Users	25,641	9,548.39	136.01	0.37	7	0.73	0.27	0.80	0.32	2.22 (0.03, 3.37)	0.113
Inverse Probability	of Treatment \	Weighted An	alysis; Unweight	ed, Trimmed	1						
Rivaroxaban Users	15,184	5,662.43	136.21	0.37	9	1.59	0.59	0.86	0.32	N/A	N/A
Apixaban Users	25,603	9,539.34	136.09	0.37	7	0.73	0.27	0.80	0.32	N/A	N/A
Inverse Probability	of Treatment \	Weighted An	alysis ¹ ; Weight	= ATES, Trim	nmed ²						
Rivaroxaban Users	15,201	5,650.62	135.77	0.37	12	2.12	0.79	1.41	0.52	3.08 (1.08, 8.79)	N/A
Apixaban Users	25,606	9,539.54	136.07	0.37	7	0.72	0.27	1.41	0.32	3.08 (1.08, 8.79)	IN/ A
Intracranial Hemor	rhage, Trunca	tion Weight	= 0, ATES Weigh	ts, CHADSV	ASC: 3						
Site-Adjusted Analy	sis, Unweighte	ed									
Rivaroxaban Users	7,610	2,756.78	132.31	0.36	6	2.18	0.79	0.36	0.14	1.16 (0.40, 3.36)	0.778
Apixaban Users	15,444	5,502.67	130.14	0.36	10	1.82	0.65	0.30	0.14	1.10 (0.40, 3.30)	0.778
Inverse Probability	of Treatment \	Weighted An	alysis; Unweight	ed, Trimmed	1						
Rivaroxaban Users	7,584	2,746.80	132.29	0.36	6	2.18	0.79	0.37	0.14	N/A	N/A
Apixaban Users	15,407	5,496.85	130.31	0.36	10	1.82	0.65	0.57	0.14	N/A	IN/A
Inverse Probability	of Treatment \	Weighted An	alysis ¹ ; Weight	= ATES, Trim	nmed ²						
Rivaroxaban Users	7,597	2,692.02	129.42	0.35	6	2.38	0.84	0.67	0.22	1 20 (0 40 4 00)	N/A
Apixaban Users	15,417	5,522.77	130.85	0.36	9	1.71	0.61	0.67	0.23	1.38 (0.48, 4.00)	N/A
Intracranial Hemor	rhage, Trunca	tion Weight	= 0, ATES Weigh	ts, CHADSV	ASC: 4						
Site-Adjusted Analy	sis, Unweighte	<u> </u>									



Table 5c. Effect Estimates for Intracranial Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and CHADSVASC

				Average		Incidence		Incidence Rate	Risk		
		Person-	Average	Person-		Rate per	Risk per	Difference per	Difference per	Hazard Ratio	
	Number of	Years at	Person-Days	Years at	Number	1,000 Person-	1,000 New	1,000 Person-	1,000 New	(95% Confidence	Wald P-
Medical Product	New Users	Risk	at Risk	Risk	of Events	Years	Users	Years	Users	Interval)	Value
Rivaroxaban Users	3,118	1,057.04	123.82	0.34	3	2.84	0.96	0.94	0.34	1.13 (0.24, 5.18)	0.879
Apixaban Users	8,033	2,638.99	119.99	0.33	5	1.89	0.62	0.54	0.54	1.13 (0.24, 3.10)	0.075
Inverse Probability o	of Treatment \	Veighted An	alysis; Unweighte	ed, Trimmed	1						
Rivaroxaban Users	3,109	1,055.18	123.96	0.34	3	2.84	0.96	0.94	0.33	N/A	N/A
Apixaban Users	7,936	2,624.90	120.81	0.33	5	1.90	0.63	0.94	0.33	N/A	IN/A
Inverse Probability o	of Treatment \	Veighted An	alysis ¹ ; Weight :	= ATES, Trim	med ²						
Rivaroxaban Users	3,130	1,051.63	122.71	0.34	2	1.75	0.59	0.10	0.04	0.83 (0.18, 3.77)	N/A
Apixaban Users	7,935	2,632.88	121.19	0.33	4	1.66	0.55	0.10	0.04	0.83 (0.18, 3.77)	IN/ A
Intracranial Hemorr	rhage, Trunca	tion Weight	= 0, ATES Weigh	ts, CHADSV	ASC: 5+						
Site-Adjusted Analys	sis, Unweighte	ed .									
Rivaroxaban Users	908	257.54	103.60	0.28	3	11.65	3.30	7.09	1.91	2.60 (0.58, 11.63)	0.212
Apixaban Users	2,875	877.34	111.46	0.31	4	4.56	1.39	7.03	1.51	2.00 (0.56, 11.05)	0.212
Inverse Probability o	of Treatment \	Veighted An	alysis; Unweight	ed, Trimmed	1						
Rivaroxaban Users	894	255.56	104.41	0.29	3	11.74	3.36	8.10	2.23	N/A	N/A
Apixaban Users	2,659	824.58	113.27	0.31	3	3.64	1.13	8.10	2.23	N/A	19/7
Inverse Probability o	of Treatment \	Veighted An	alysis ¹ ; Weight :	= ATES, Trim	med ²						
Rivaroxaban Users	918	255.87	101.78	0.28	3	10.97	3.06	7.54	1.98	3.14 (0.66, 14.92)	N/A
Apixaban Users	2,677	842.01	114.89	0.31	3	3.43	1.08	7.54	1.50	3.14 (0.00, 14.92)	IN/A

¹All values in this section are weighted.

²ATES = Average Treatment Effect, Stabilized.



Table 5d. Effect Estimates for Intracranial Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and HASBLED

2022, by Allalysis Tyl								Incidence			
				Average		Incidence		Rate	Risk		
		Person-	Average	Person-		Rate per	Risk per	Difference	Difference per	Hazard Ratio	
	Number of	Years at	Person-Days	Years at		1,000 Person-	•	per 1,000	1,000 New	(95% Confidence	
Medical Product	New Users	Risk	at Risk	Risk	of Events	Years	Users	Person-Years	Users	Interval)	Value
Intracranial Hemorrh		n Weight = 0, <i>i</i>	ATES Weights								
Site-Adjusted Analysi	, ,										
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	29	1.51	0.50	0.33	0.10	1.30 (0.80, 2.11)	0.297
Apixaban Users	96,057	32,036.33	121.82	0.33	38	1.19	0.40				
Inverse Probability of		· · · · · · · · · · · · · · · · · · ·	 								
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	29	1.51	0.50	0.33	0.10	N/A	N/A
Apixaban Users	96,018	32,027.57	121.83	0.33	38	1.19	0.40			•	
Inverse Probability of	Treatment Wei	ghted Analysis	s ¹ ; Weight = ATI	ES, Trimmed	2						
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	34	1.77	0.59	0.66	0.22	1.63 (0.99, 2.70)	N/A
Apixaban Users	96,013	31,893.04	121.33	0.33	35	1.11	0.37	0.00	0.22	1.03 (0.33) 2.70)	.,,,,
Intracranial Hemorrh	nage, Truncation	n Weight = 0,	ATES Weights, H	ASBLED: 0							
Site-Adjusted Analysi	s, Unweighted										
Rivaroxaban Users	15,504	4,312.02	101.58	0.28	3	0.70	0.19	0.22	0.06	1.47 (0.30, 7.31)	0.636
Apixaban Users	21,701	6,284.79	105.78	0.29	3	0.48	0.14	<u> </u>		1.17 (0.00) 7.01)	0.000
Inverse Probability of	Treatment Wei	ghted Analysis	s; Unweighted, T	rimmed							
Rivaroxaban Users	15,495	4,310.15	z	0.28	3	0.70	0.19	0.22	0.06	N/A	N/A
Apixaban Users	21,658	6,275.66	105.84	0.29	3	0.48	0.14	0.22	0.00	N/A	IV/A
Inverse Probability of	Treatment Wei	ghted Analysis	s ¹ ; Weight = ATI	ES, Trimmed	2						
Rivaroxaban Users	15,510	4,372.35	102.97	0.28	4	0.84	0.24	0.37	0.10	1.85 (0.37, 9.32)	N/A
Apixaban Users	21,657	6,215.24	104.82	0.29	3	0.47	0.13	0.37	0.10	1.63 (0.37, 9.32)	N/A
Intracranial Hemorrh	nage, Truncation	n Weight = 0, /	ATES Weights, H	ASBLED: 1							
Site-Adjusted Analysi	s, Unweighted									,	
Rivaroxaban Users	32,496	11,645.84	130.90	0.36	11	0.94	0.34	0.07	0.03	1.15 (0.53, 2.47)	0.729
Apixaban Users	51,356	18,380.18	130.72	0.36	16	0.87	0.31	0.07	0.05	1.13 (0.33, 2.47)	0.729
Inverse Probability of	Treatment Wei	ghted Analysis	s; Unweighted, T	rimmed				-			



Table 5d. Effect Estimates for Intracranial Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and HASBLED

2022, by Allalysis Typ								Incidence			
				Average		Incidence		Rate	Risk		
		Person-	Average	Person-		Rate per	Risk per	Difference	Difference per	Hazard Ratio	
	Number of	Years at	Person-Days	Years at	Number	,	•	per 1,000	1,000 New	(95% Confidence	
Medical Product	New Users	Risk	at Risk	Risk	of Events	Years	Users	Person-Years	Users	Interval)	Value
Rivaroxaban Users	32,488	11,642.23	130.89	0.36	11	0.94	0.34	0.07	0.03	N/A	N/A
Apixaban Users	51,319	18,372.30	130.76	0.36	16	0.87	0.31				
Inverse Probability of	Treatment Weig	ghted Analysis	s ¹ ; Weight = ATI	ES, Trimmed	2						
Rivaroxaban Users	32,514	11,661.44	131.00	0.36	12	0.99	0.36	0.10	0.04	1.17 (0.54, 2.53)	N/A
Apixaban Users	51,315	18,312.13	130.34	0.36	16	0.89	0.32				
Intracranial Hemorrh	age, Truncation	Weight = 0,	ATES Weights, H	ASBLED: 2							
Site-Adjusted Analysis	s, Unweighted										
Rivaroxaban Users	8,091	2,705.86	122.15	0.33	9	3.33	1.11	1.42	0.48	1.55 (0.63, 3.86)	0.341
Apixaban Users	17,262	5,771.69	122.12	0.33	11	1.91	0.64		0.10	2.55 (0.05) 5.00)	0.0 .1
Inverse Probability of	Treatment Weig	ghted Analysis	s; Unweighted, T	rimmed							
Rivaroxaban Users	8,073	2,702.16	122.25	0.33	9	3.33	1.11	1.59	0.53	N/A	N/A
Apixaban Users	17,166	5,750.40	122.35	0.33	10	1.74	0.58	1.55	0.55	N/A	IN/A
Inverse Probability of	Treatment Weig	ghted Analysis	s ¹ ; Weight = ATI	ES, Trimmed	2						
Rivaroxaban Users	8,101	2,700.17	121.75	0.33	9	3.18	1.06	1.54	0.51	1.79 (0.70, 4.55)	N/A
Apixaban Users	17,171	5,754.78	122.41	0.34	9	1.64	0.55	1.54	0.51	1.79 (0.70, 4.33)	IN/A
Intracranial Hemorrh	age, Truncation	Weight = 0,	ATES Weights, H	ASBLED: 3+							
Site-Adjusted Analysis	s, Unweighted										
Rivaroxaban Users	1,834	518.87	103.34	0.28	6	11.56	3.27	6.54	1.87	2.55 (0.88, 7.36)	0.084
Apixaban Users	5,699	1,590.91	101.96	0.28	8	5.03	1.40	0.54	1.07	2.33 (0.88, 7.30)	0.064
Inverse Probability of	Treatment Weig	ghted Analysis	s; Unweighted, T	rimmed							
Rivaroxaban Users	1,824	516.62	103.45	0.28	6	11.61	3.29	6.53	1.00	NI /A	NI /A
Apixaban Users	5,588	1,571.27	102.70	0.28	8	5.09	1.43	6.52	1.86	N/A	N/A
Inverse Probability of	Treatment Weig	ghted Analysis	s ¹ ; Weight = ATI	ES, Trimmed	2						
Rivaroxaban Users	1,854	503.93	99.26	0.27	7	13.17	3.58	0.26	2.10	2.00 /1.00 8.01	NI/A
Apixaban Users	5,598	1,577.47	102.92	0.28	8	4.91	1.38	8.26	2.19	2.99 (1.00, 8.91)	N/A



Table 5d. Effect Estimates for Intracranial Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and HASBLED

								Incidence			
				Average		Incidence		Rate	Risk		
		Person-	Average	Person-		Rate per	Risk per	Difference	Difference per	Hazard Ratio	
	Number of	Years at	Person-Days	Years at	Number	1,000 Person-	1,000 New	per 1,000	1,000 New	(95% Confidence	Wald P-
Medical Product	New Users	Risk	at Risk	Risk	of Events	Years	Users	Person-Years	Users	Interval)	Value

¹All values in this section are weighted.

²ATES = Average Treatment Effect, Stabilized.



Table 5e. Effect Estimates for Intracranial Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and Sex

			Average			Incidence		Incidence Rate	Risk		
		Person-	Person-	Average		Rate per	Risk per	Difference per	Difference per	Hazard Ratio (95%	
	Number of	Years at	Days at	Person-	Number	•	•	1,000 Person-	1,000 New	Confidence	Wald P
Medical Product	New Users	Risk	Risk	Years at Risk	of Events	Years	Users	Years	Users	Interval)	Value
Intracranial Hemorr	•		, ATES Weig	hts							
Site-Adjusted Analys	, ,										
Rivaroxaban Users	57,932	19,183.81	120.95	0.33	29	1.51	0.50	0.33	0.10	1.30 (0.80, 2.11)	0.297
Apixaban Users	96,057	32,036.33	121.82	0.33	38	1.19	0.40				
Inverse Probability o	f Treatment We	eighted Analys	sis; Unweigh	ted, Trimmed							
Rivaroxaban Users	57,925	19,182.60	120.96	0.33	29	1.51	0.50	0.33	0.10	N/A	N/A
Apixaban Users	96,018	32,027.57	121.83	0.33	38	1.19	0.40	0.55	0.10	N/A	N/A
Inverse Probability o	f Treatment Wo	eighted Analys	sis ¹ ; Weight	t = ATES, Trimm	ned ²						
Rivaroxaban Users	57,965	19,238.59	121.23	0.33	34	1.77	0.59	0.66	0.22	1.63 (0.99, 2.70)	N/A
Apixaban Users	96,013	31,893.04	121.33	0.33	35	1.11	0.37	0.00	0.22	1.03 (0.99, 2.70)	N/A
Intracranial Hemorr	hage, Truncatio	on Weight = 0	, ATES Weig	hts, Sex: Fema	le						
Site-Adjusted Analys	is, Unweighted	i									
Rivaroxaban Users	14,857	5,257.64	129.26	0.35	7	1.33	0.47	0.64	0.22	1.98 (0.69, 5.64)	0.203
Apixaban Users	28,303	10,129.14	130.72	0.36	7	0.69	0.25	0.04	0.22	1.56 (0.05, 5.04)	0.203
Inverse Probability o	f Treatment Wo	eighted Analys	sis; Unweigh	ted, Trimmed							
Rivaroxaban Users	14,847	5,254.57	Z	0.35	7	1.33	0.47	0.64	0.22	N/A	N/A
Apixaban Users	28,247	10,118.61	130.84	0.36	7	0.69	0.25	0.04	0.22	N/A	NA
Inverse Probability o	f Treatment We	eighted Analys	sis ¹ ; Weight	t = ATES, Trimm	ned ²						
Rivaroxaban Users	14,866	5,239.98	128.75	0.35	8	1.49	0.53	0.88	0.31	2 [[(0.96, 7.52)	N/A
Apixaban Users	28,247	10,135.13	131.05	0.36	6	0.61	0.22	0.00	0.51	2.55 (0.86, 7.53)	IN/A
Intracranial Hemorr	hage, Truncatio	on Weight = 0	, ATES Weig	hts, Sex: Male							
Site-Adjusted Analys	is, Unweighted	i									
Rivaroxaban Users	43,068	13,924.96	118.09	0.32	22	1.58	0.51	0.16	0.05	1.13 (0.65, 1.96)	0.672
Apixaban Users	67,715	21,898.43	118.12	0.32	31	1.42	0.46	0.10	0.03	1.13 (0.03, 1.30)	0.072
Inverse Probability o	f Treatment We	eighted Analys	sis; Unweigh	ted, Trimmed							
Rivaroxaban Users	43,064	13,924.60	118.10	0.32	22	1.58	0.51	N 16	N N5	NI/A	NI/A



Table 5e. Effect Estimates for Intracranial Hemorrhage, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022, by Analysis Type and Sex

			Average			Incidence		Incidence Rate	Risk		
		Person-	Person-	Average		Rate per	Risk per	Difference per	Difference per	Hazard Ratio (95%	
	Number of	Years at	Days at	Person-	Number	1,000 Person-	1,000 New	1,000 Person-	1,000 New	Confidence	Wald P-
Medical Product	New Users	Risk	Risk	Years at Risk	of Events	Years	Users	Years	Users	Interval)	Value
Apixaban Users	67,682	21,891.11	118.14	0.32	31	1.42	0.46	0.10	0.03	N/A	IN/ A
Inverse Probability o	f Treatment We	eighted Analys	is ¹ ; Weight	: = ATES, Trimm	ed ²						
Rivaroxaban Users	43,110	13,957.08	118.25	0.32	26	1.85	0.60	0.53	0.17	1 41 (0.90, 2.50)	NI/A
Apixaban Users	67,675	21,791.30	117.61	0.32	29	1.32	0.43	0.53	0.17	1.41 (0.80, 2.50)	N/A

¹All values in this section are weighted.

²ATES = Average Treatment Effect, Stabilized.



Table 6. Summary of Patient Level Cohort Attrition in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022

	Thromboembolic Stroke, Truncation Weight = 0%, ATES Weights ²				Major Extracranial Bleeding, Truncation Weight = 0%, ATES Weights ²			
	Rivaroxaban Users		Apixaban Users		Rivaroxaban Users		Apixaban Users	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic	requirements							
Enrolled at any point during the query period	246,832,508	N/A	246,832,508	N/A	246,832,508	N/A	246,832,508	N/A
Had required coverage type (medical and/or drug								
coverage)	157,564,177	89,268,331	157,564,177	89,268,331	157,564,177	89,268,331	157,564,177	89,268,331
Enrolled during specified age range	121,587,584	35,976,593	121,587,584	35,976,593	121,587,584	35,976,593	121,587,584	35,976,593
Had requestable medical charts	121,587,584	0	121,587,584	0	121,587,584	0	121,587,584	0
Met demographic requirements (sex, race, and								
Hispanic origin)	121,426,130	161,454	121,426,130	161,454	121,426,130	161,454	121,426,130	161,454
Members with a valid index event								
Had any cohort-defining claim during the query								
period	501,228	120,924,902	720,428	120,705,702	501,228	120,924,902	720,428	120,705,702
Claim recorded during specified age range	359,192	142,036	398,984	310,730	359,192	142,036	398,984	310,730
Episode defining index claim recorded during the								
query period	358,905	287	398,780	204	358,905	287	398,780	204
Members with required pre-index history								
Had sufficient pre-index continuous enrollment	240,378	118,527	277,731	121,049	240,378	118,527	277,731	121,049
Met inclusion and exclusion criteria ¹	58,611	181,767	97,784	179,947	58,611	181,767	97,784	179,947
Evidence of dialysis	N/A	282	Z	3,213	N/A	282	N/A	3,213
Evidence of kidney replacement, deep vein								
thrombosis, pulmonary embolism, joint								
replacement, mitral valve disease, valve								
replacement, or valve repair	N/A	125,354	N/A	117,785	N/A	125,354	N/A	117,785
Evidence of low-dose rivaroxaban or								
dabigatran, any dose of apixaban, edoxaban,								
or warfarin	N/A	123,619	N/A	39,886	N/A	123,619	N/A	39,886
Evidence of index exposure	N/A	0	N/A	13,477	N/A	0	N/A	13,477
Evidence of institutional stay encounter	N/A	1,587	N/A	3,286	N/A	1,587	N/A	3,286
No evidence of atrial fibrillation or flutter	N/A	153,664	N/A	145,036	N/A	153,664	N/A	145,036
Met event incidence criteria	58,611	0	97,784	0	58,611	0	97,784	0



Table 6. Summary of Patient Level Cohort Attrition in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022

	Thromboembolic Stroke, Truncation Weight = 0%, ATES Weights ²				Major Extracranial Bleeding, Truncation Weight = 0%, ATES Weights ²			
	Rivaroxaban Users		Apixaban Users		Rivaroxaban Users		Apixaban Users	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Had sufficient post-index continuous enrollment	58,566	45	97,679	105	58,565	46	97,680	104
Had minimum days' supply on index date	58,566	0	97,679	0	58,565	0	97,680	0
Had index episode of at least required length	58,566	0	97,679	0	58,565	0	97,680	0
Had index episode longer than blackout period	58,496	70	97,559	120	58,490	75	97,547	133
Did not have an event during blackout period	58,491	5	97,546	13	58,490	0	97,547	0
Final cohort								
Number of members	58,491	N/A	97,546	N/A	58,490	N/A	97,547	N/A
Number of episodes	58,491	N/A	97,546	N/A	58,490	N/A	97,547	N/A
Members meeting comparative cohort eligibility	requirements							
Excluded due to same-day initition of both								
exposure groups	58,536	0	97,650	0	58,536	0	97,650	0
Excluded due to prior initiation of other exposure								
group	57,932	604	96,057	1,593	57,932	604	96,057	1,593
Excluded due to propensity score trimming	57,925	7	96,018	39	57,925	7	96,018	39
Included in comparative analysis	57,925	0	96,018	0	57,925	0	96,018	0
Additional information								
Number of events in comparative analysis	67	N/A	133	N/A	192	N/A	221	N/A
Members meeting enrollment and demographic	requirements							
Enrolled at any point during the query period	246,832,508	N/A	246,832,508	N/A	246,832,508	N/A	246,832,508	N/A
Had required coverage type (medical and/or drug								
coverage)	157,564,177	89,268,331	157,564,177	89,268,331	157,564,177	89,268,331	157,564,177	89,268,331
Enrolled during specified age range	121,587,584	35,976,593	121,587,584	35,976,593	121,587,584	35,976,593	121,587,584	35,976,593
Had requestable medical charts	121,587,584	0	121,587,584	0	121,587,584	0	121,587,584	0
Met demographic requirements (sex, race, and								
Hispanic origin)	121,426,130	161,454	121,426,130	161,454	121,426,130	161,454	121,426,130	161,454
Members with a valid index event								
Had any cohort-defining claim during the query								
period	501,228	120,924,902	720,428	120,705,702	501,228	120,924,902	720,428	120,705,702
Claim recorded during specified age range	359,192	142,036	398,984	310,730	359,192	142,036	398,984	310,730



Table 6. Summary of Patient Level Cohort Attrition in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022

	Thromboembolic Stroke, Truncation Weight = 0%, ATES Weights ²				Major Extracranial Bleeding, Truncation Weight = 0%, ATES Weights ²			
	Rivaroxaban Users		Apixaban Users		Rivaroxaban Users		Apixaban Users	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Episode defining index claim recorded during the								
query period	358,905	287	398,780	204	358,905	287	398,780	204
Members with required pre-index history								
Had sufficient pre-index continuous enrollment	240,378	118,527	277,731	121,049	240,378	118,527	277,731	121,049
Met inclusion and exclusion criteria ¹	58,611	181,767	97,784	179,947	58,611	181,767	97,784	179,947
Evidence of dialysis	N/A	282	N/A	3,213	N/A	282	N/A	3,213
Evidence of kidney replacement, deep vein thrombosis, pulmonary embolism, joint replacement, mitral valve disease, valve								
replacement, or valve repair	N/A	125,354	N/A	117,785	N/A	125,354	N/A	117,785
Evidence of low-dose rivaroxaban or								
dabigatran, any dose of apixaban, edoxaban,								
or warfarin	N/A	123,619	N/A	39,886	N/A	123,619	N/A	39,886
Evidence of index exposure	N/A	0	N/A	13,477	N/A	0	N/A	13,477
Evidence of institutional stay encounter	N/A	1,587	N/A	3,286	N/A	1,587	N/A	3,286
No evidence of atrial fibrillation or flutter	N/A	153,664	N/A	145,036	N/A	153,664	N/A	145,036
Met event incidence criteria	58,611	0	97,784	0	58,611	0	97,784	0
Members with required post-index follow-up								
Had sufficient post-index continuous enrollment	58,566	45	97,680	104	58,565	46	97,680	104
Had minimum days' supply on index date	58,566	0	97,680	0	58,565	0	97,680	0
Had index episode of at least required length	58,566	0	97,680	0	58,565	0	97,680	0
Had index episode longer than blackout period	58,491	75	97,547	133	58,490	75	97,547	133
Did not have an event during blackout period	58,491	0	97,547	0	58,490	0	97,547	0
Final cohort								
Number of members	58,491	N/A	97,547	N/A	58,490	N/A	97,547	N/A
Number of episodes	58,491	N/A	97,547	N/A	58,490	N/A	97,547	N/A
Members meeting comparative cohort eligibility	requirements							
Excluded due to same-day initition of both								
exposure groups	58,536	0	97,650	0	58,536	0	97,650	0



Table 6. Summary of Patient Level Cohort Attrition in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022

	Thromboem	•	uncation Weigh	t = 0%, ATES	Major Extracranial Bleeding, Truncation Weight = 0%, ATES Weights ²				
	Rivaroxaban Users		Apixaban Users		Rivaroxaban Users		Apixaban Users		
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	
Excluded due to prior initiation of other exposure									
group	57,932	604	96,057	1,593	57,932	604	96,057	1,593	
Excluded due to propensity score trimming	57,925	7	96,018	39	57,925	7	96,018	39	
Included in comparative analysis	57,925	0	96,018	0	57,925	0	96,018	0	
Additional information									
Number of events in comparative analysis	162	N/A	187	N/A	29	N/A	38	N/A	

¹Patients can meet multiple inclusion and/or exclusion criteria; therefore, the total number of patients excluded overall may not equal the sum of all patients in each criterion.

²ATES = Average Treatment Effect, Stabilized.



Figure 1a. Histograms Depicting Propensity Score Distributions Before and After Adjustment, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022

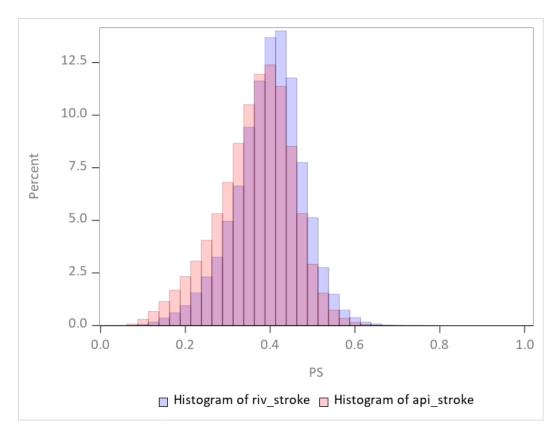




Figure 1a. Histograms Depicting Propensity Score Distributions Before and After Adjustment, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022

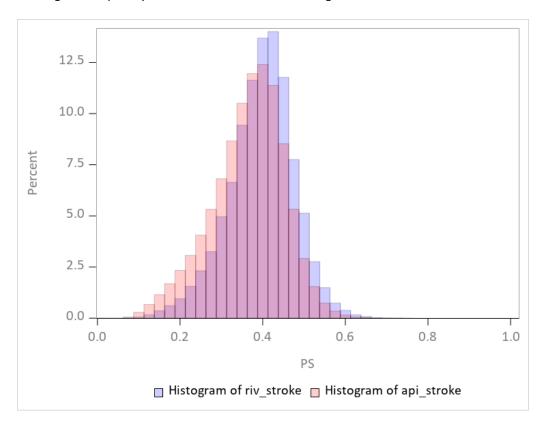




Figure 1a. Histograms Depicting Propensity Score Distributions Before and After Adjustment, Truncation Weight = 0%, ATES Weights in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022

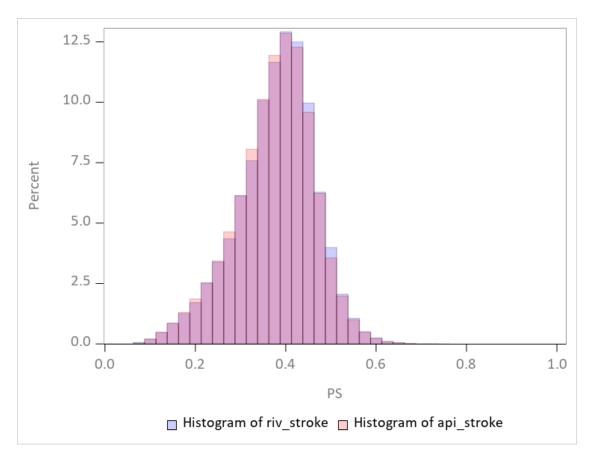




Figure 1b. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, Sex: Female

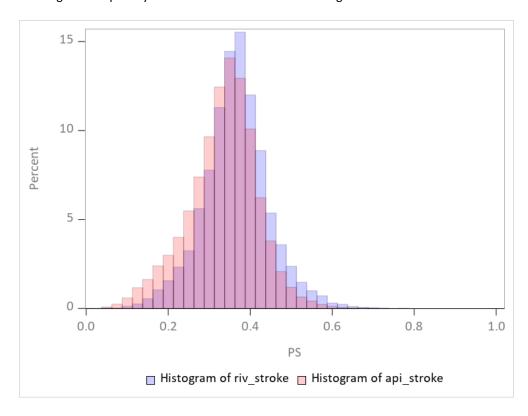




Figure 1b. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, Sex: Female

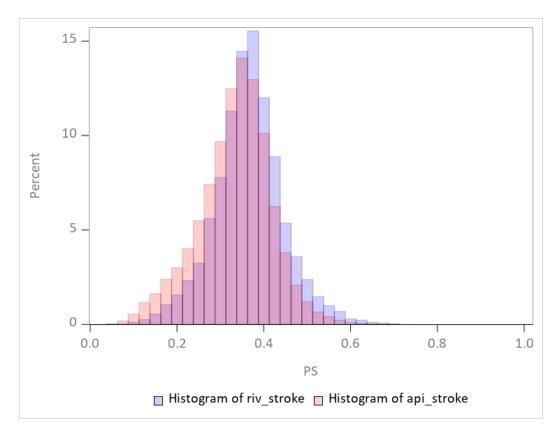




Figure 1b. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, Sex: Female

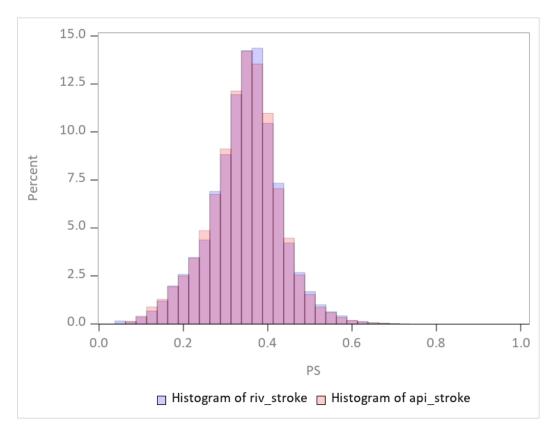




Figure 1c. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, Sex: Male

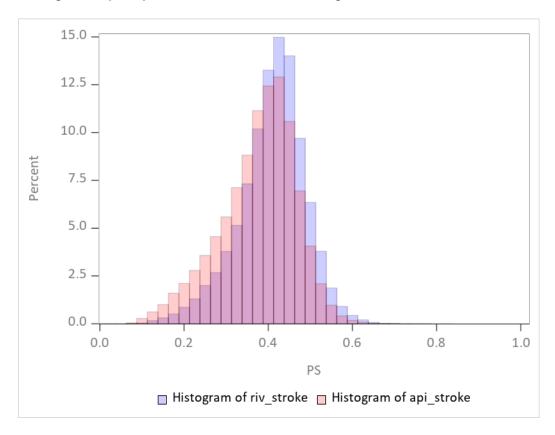




Figure 1c. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, Sex: Male

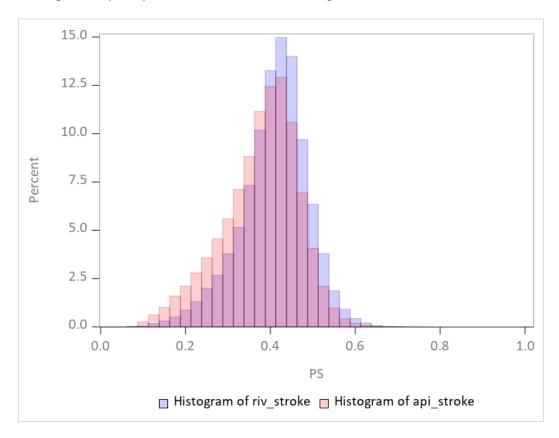




Figure 1c. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, Sex: Male

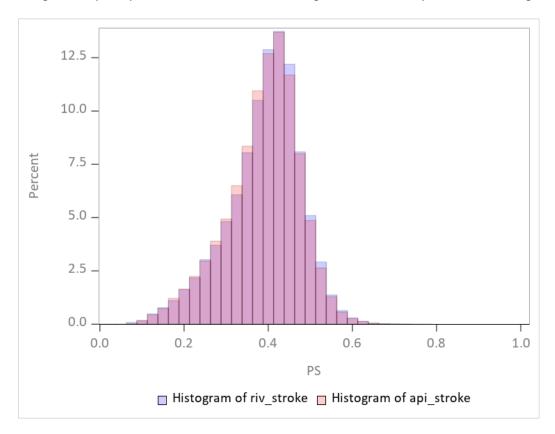




Figure 1d. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, Age Group: 21-49 years

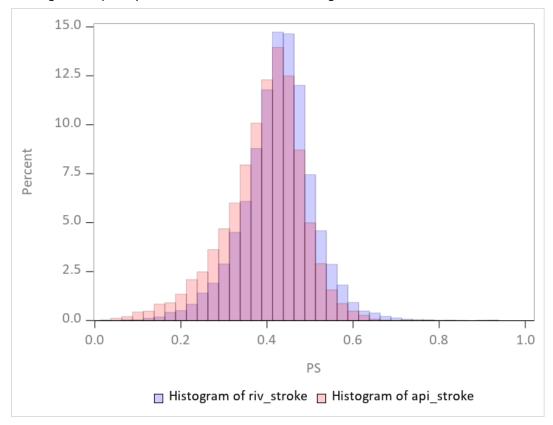




Figure 1d. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, Age Group: 21-49 years

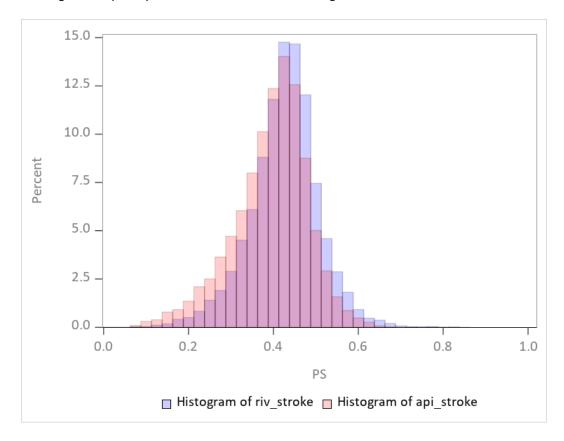




Figure 1d. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, Age Group: 21-49 years

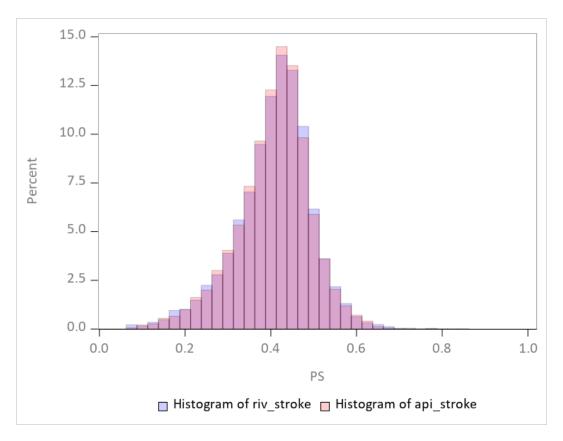




Figure 1e. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, Age Group: 50-64 years

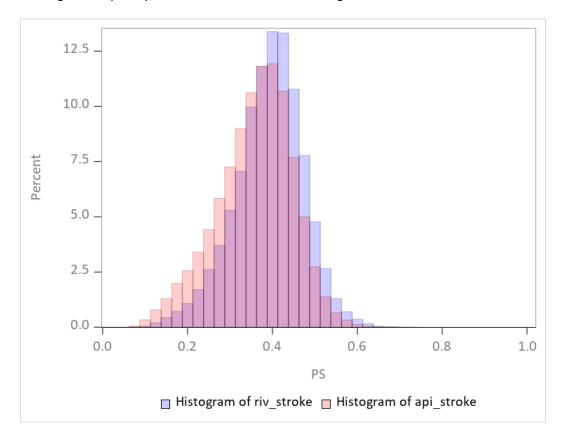




Figure 1e. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, Age Group: 50-64 years

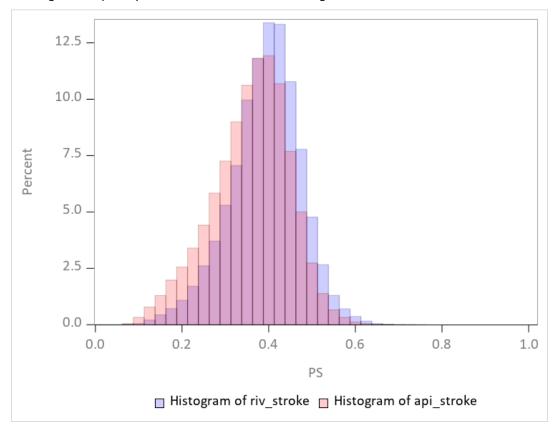




Figure 1e. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, Age Group: 50-64 years

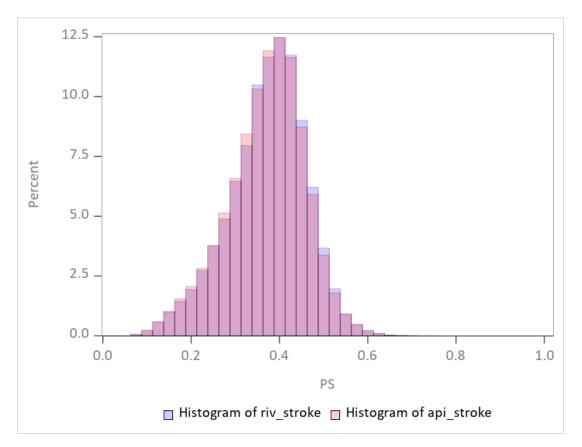




Figure 1f. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 0

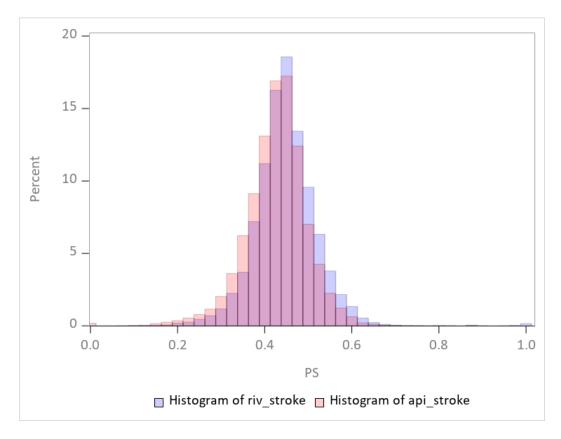




Figure 1f. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 0

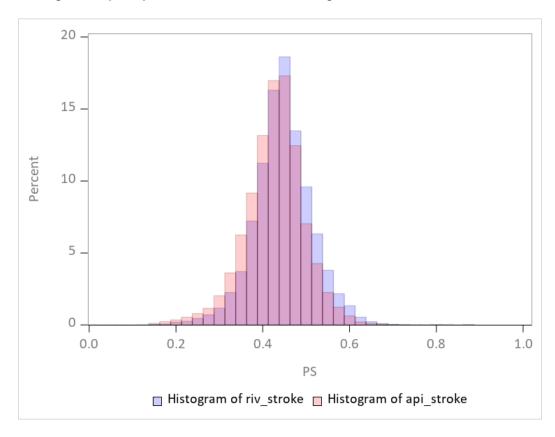




Figure 1f. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 0

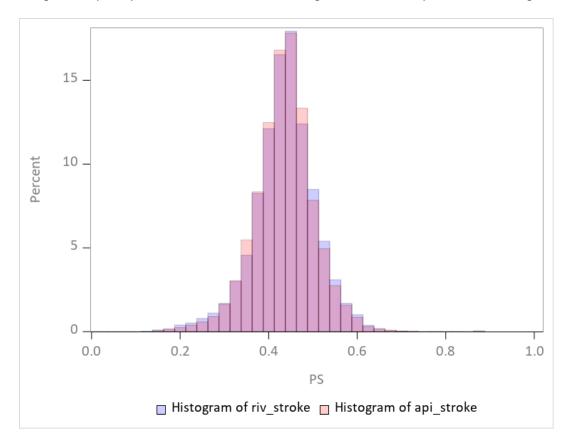




Figure 1g. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 1

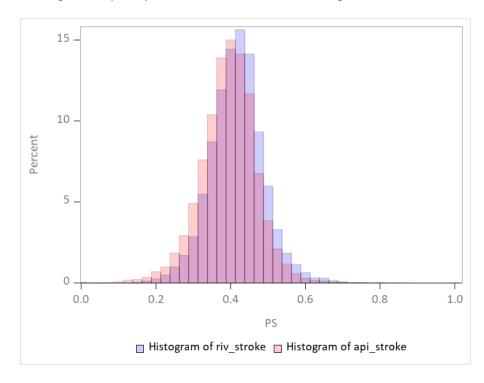




Figure 1g. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 1

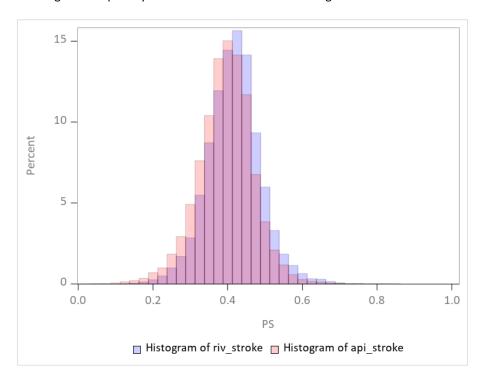




Figure 1g. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 1

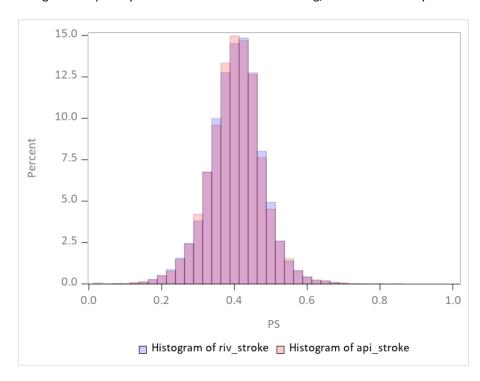




Figure 1h. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 2

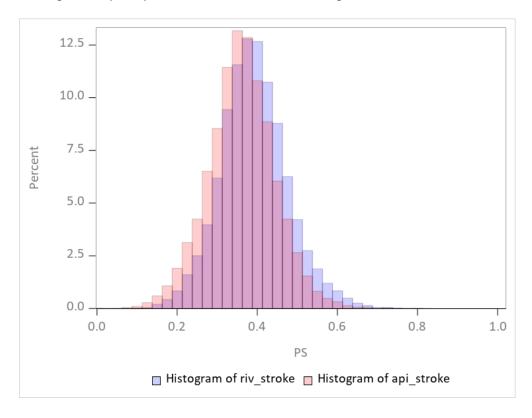




Figure 1h. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 2

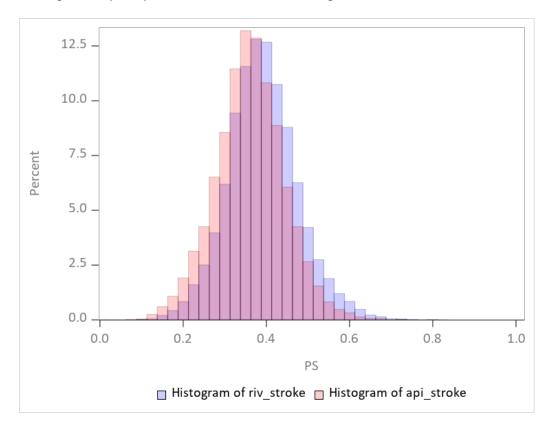




Figure 1h. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 2

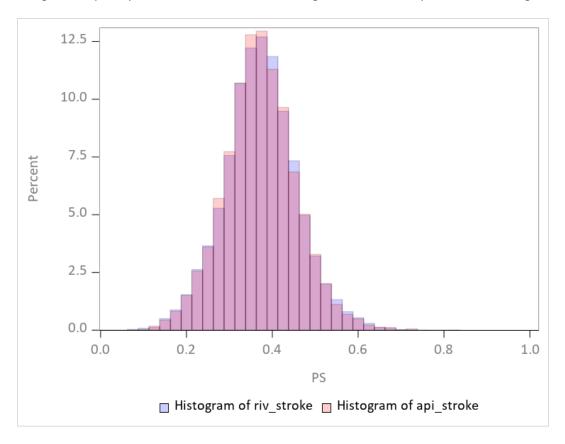




Figure 1i. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 3

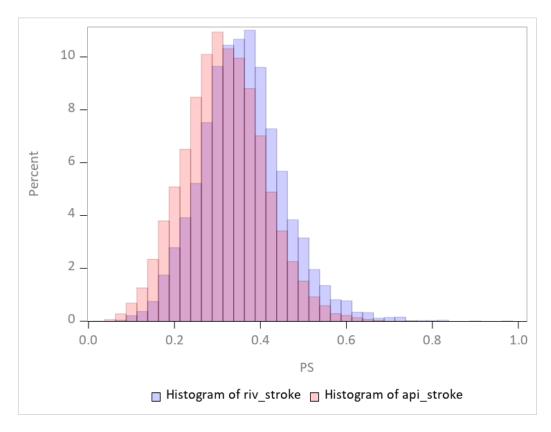




Figure 1i. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 3

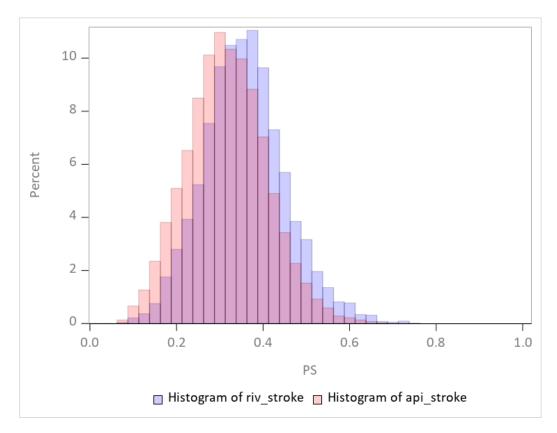




Figure 1i. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 3

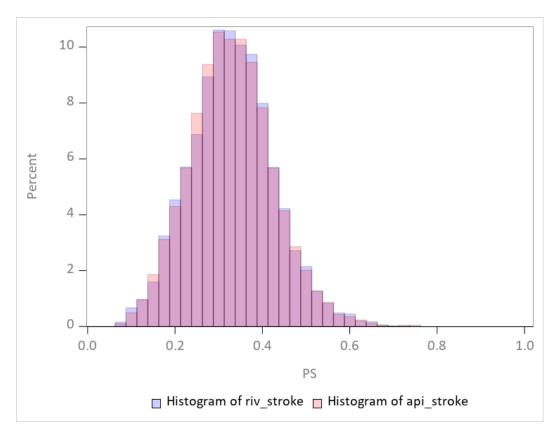




Figure 1j. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 4

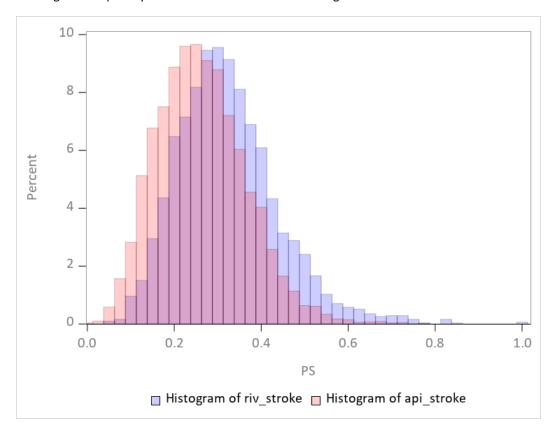




Figure 1j. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 4

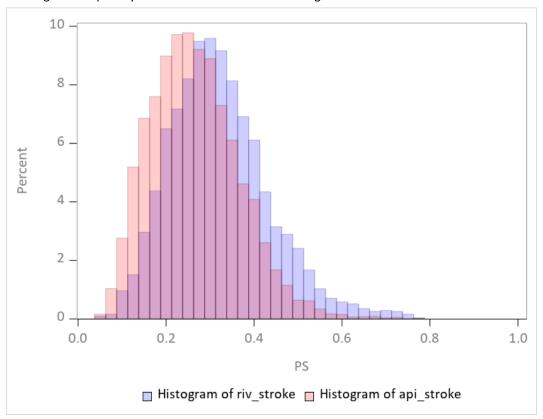




Figure 1j. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 4

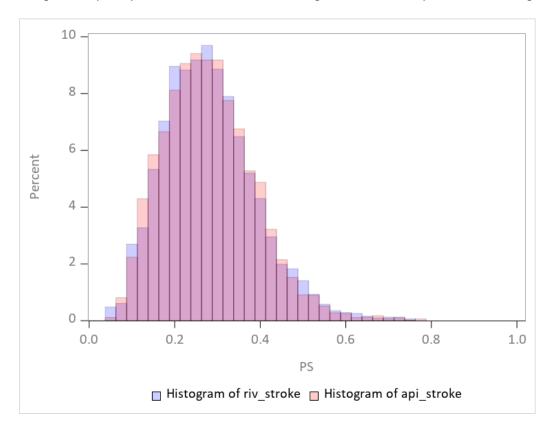




Figure 1k. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 5+

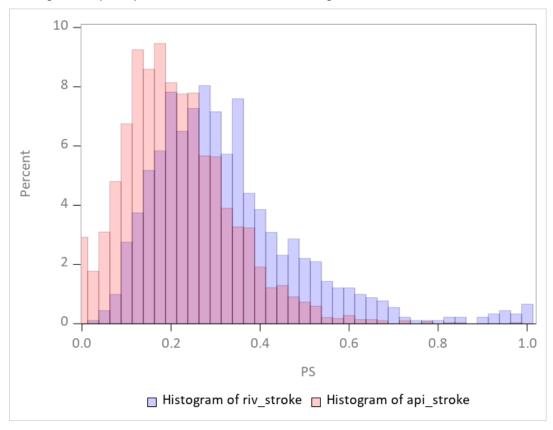




Figure 1k. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 5+

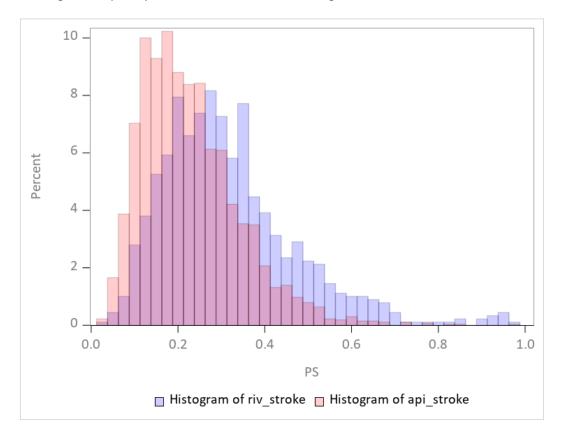




Figure 1k. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, CHADSVASC: 5+

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect Stabilized (ATES)

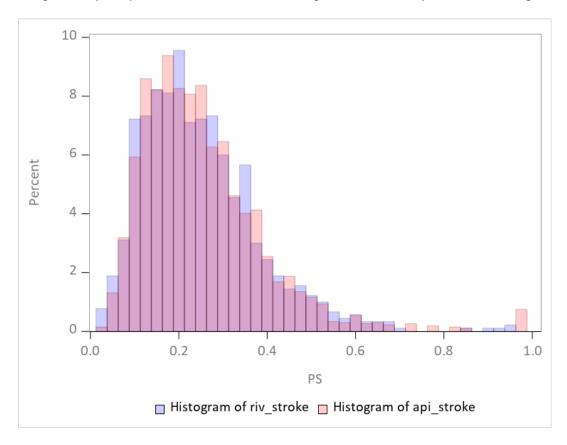




Figure 1I. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, HASBLED: 0

Unweighted Propensity Score Distribution Before Trimming

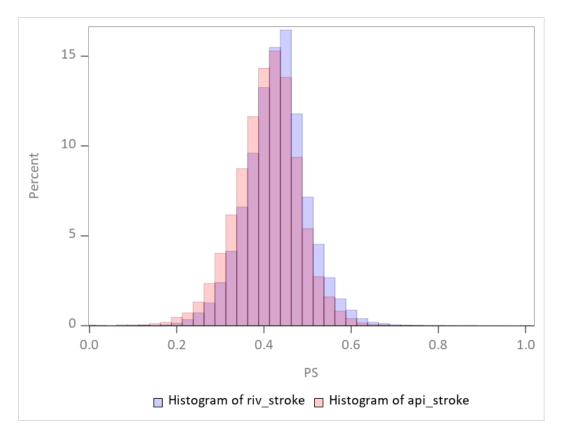




Figure 1I. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, HASBLED: 0

Unweighted Propensity Score Distribution After Trimming

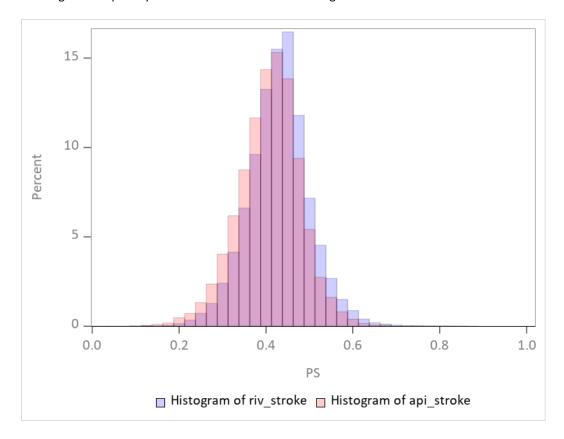




Figure 1l. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, HASBLED: 0

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect Stabilized (ATES)

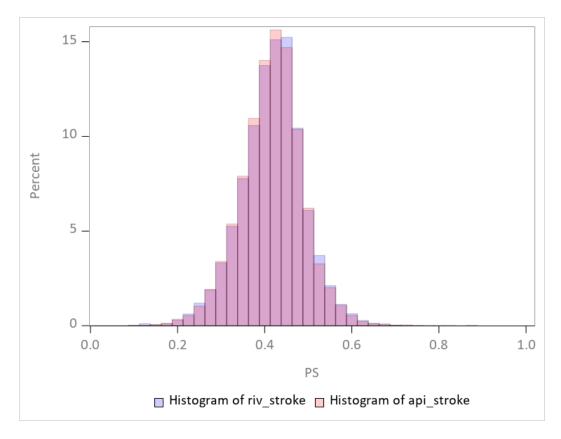




Figure 1m. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, HASBLED: 1

Unweighted Propensity Score Distribution Before Trimming

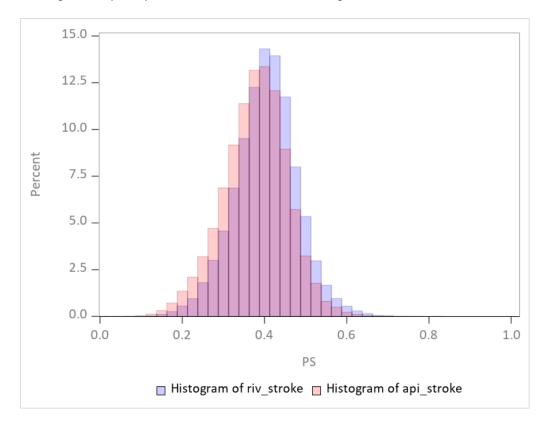




Figure 1m. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, HASBLED: 1

Unweighted Propensity Score Distribution After Trimming

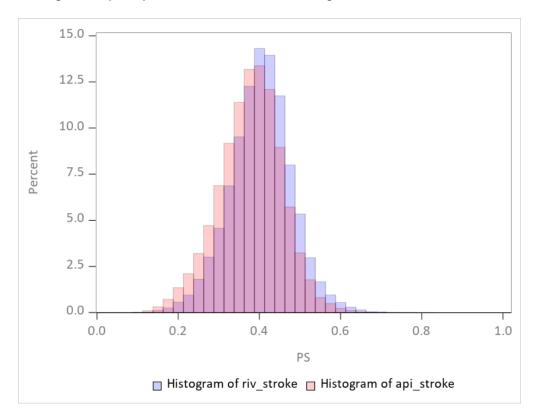




Figure 1m. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, HASBLED: 1

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect Stabilized (ATES)

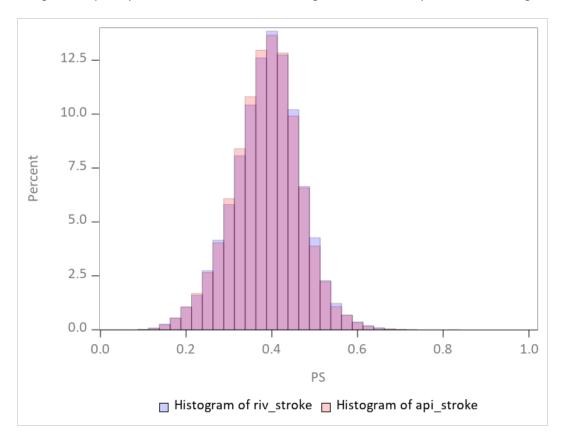




Figure 1n. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, HASBLED: 2

Unweighted Propensity Score Distribution Before Trimming

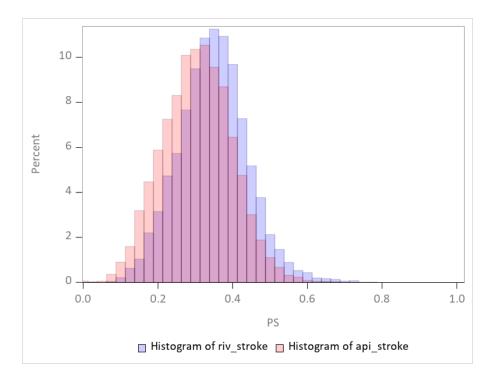




Figure 1n. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, HASBLED: 2

Unweighted Propensity Score Distribution After Trimming

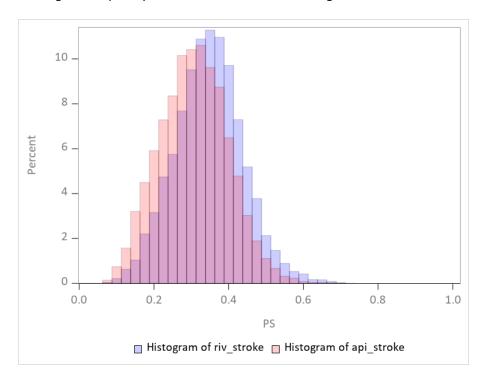




Figure 1n. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, HASBLED: 2

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect Stabilized(ATES)

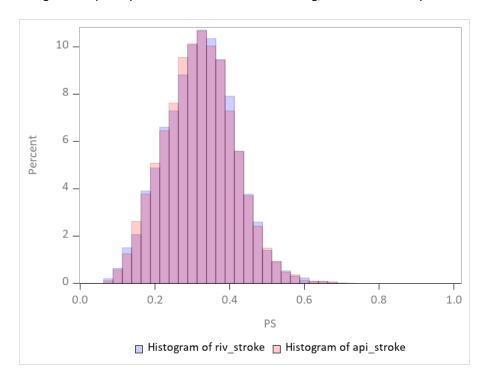




Figure 1o. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, HASBLED: 3+

Unweighted Propensity Score Distribution Before Trimming

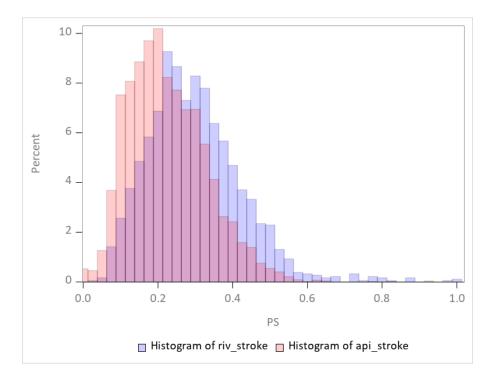




Figure 1o. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, HASBLED: 3+

Unweighted Propensity Score Distribution After Trimming

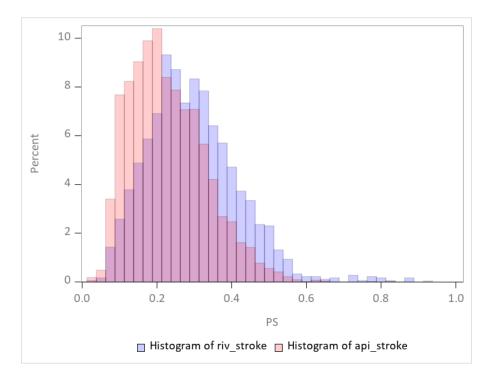




Figure 10. Histograms Depicting Propensity Score Distributions Before and After Adjustment, TruncWeight = 0%, ATES Weights in the Sentinel Distributed Database (SDD) from October 19, 2010 to February 28, 2022, HASBLED: 3+

Weighted Propensity Score Distribution After Trimming, Inverse Probability of Treatment Weighted, Average Treatment Effect Stabilized(ATES)

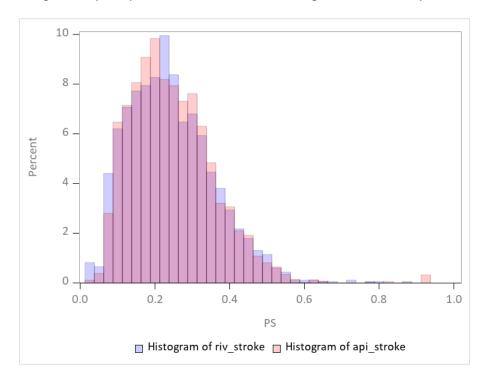




Figure 2a. Forest Plot of Hazard Ratios (HR) and 95% Confidence Intervals (CI) for Thromboembolic Stroke, Site-Adjusted, Unweighted Analyses in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022

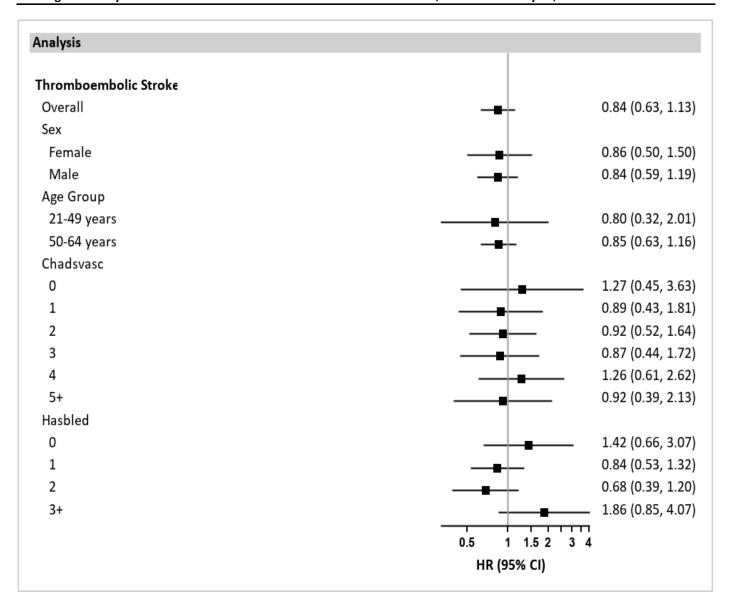




Figure 2b. Forest Plot of Hazard Ratios (HR) and 95% Confidence Intervals (CI) for Major Extracranial Bleeding, Site-Adjusted, Unweighted Analyses in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022

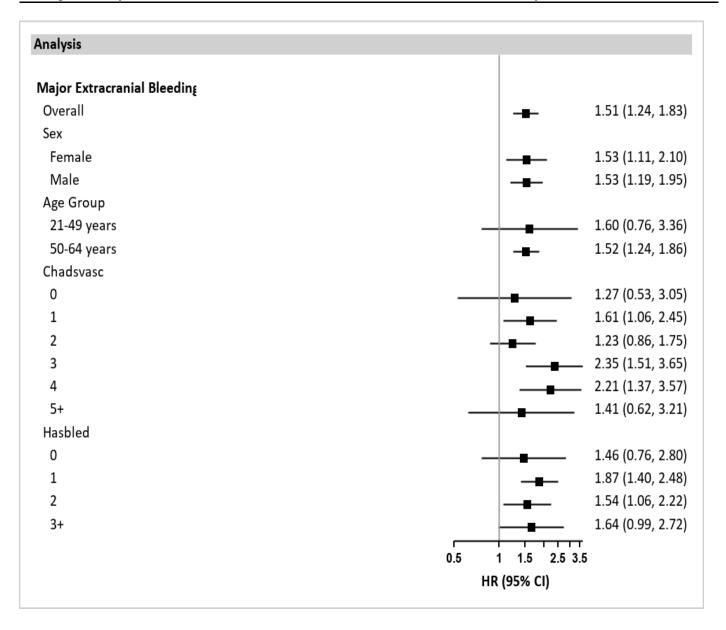




Figure 2c. Forest Plot of Hazard Ratios (HR) and 95% Confidence Intervals (CI) for Gastrointestinal Hemorrhage, Site-Adjusted, Unweighted Analyses in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022

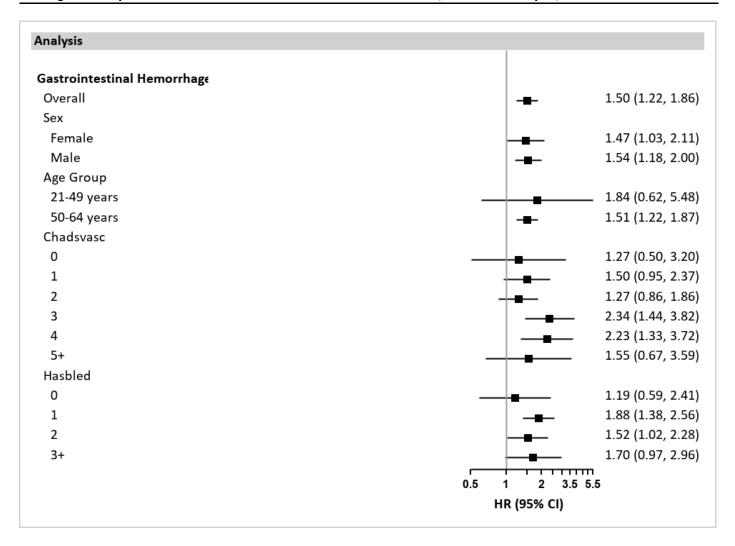




Figure 2d. Forest Plot of Hazard Ratios (HR) and 95% Confidence Intervals (CI) for Intracranial Hemorrhage, Site-Adjusted Analyses, Unweighted in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022

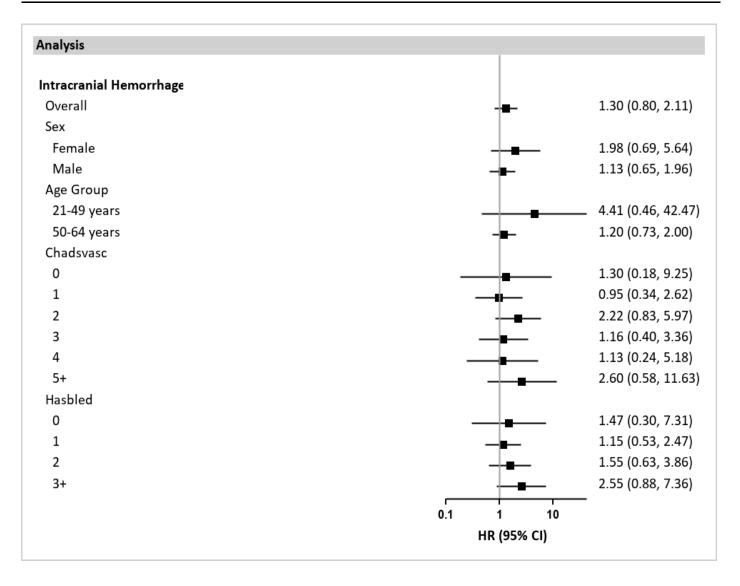
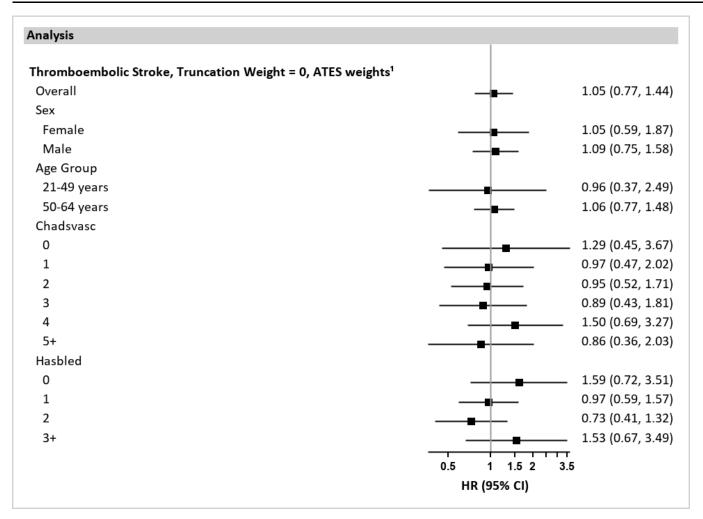




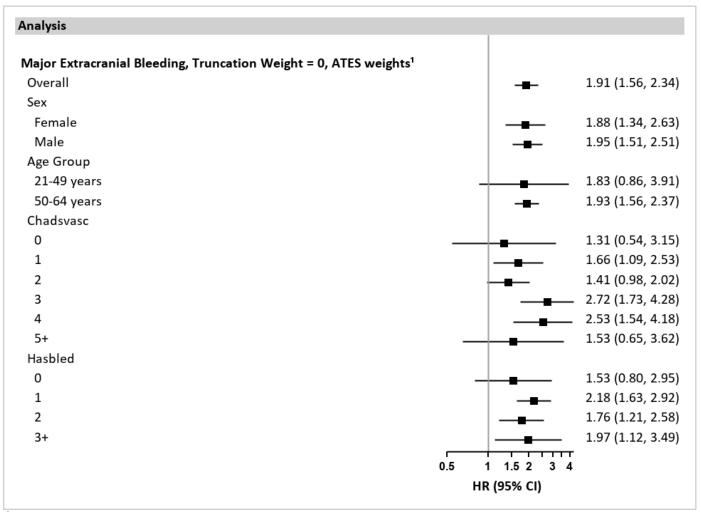
Figure 2e. Forest Plot of Hazard Ratios (HR) and 95% Confidence Intervals (CI) for Thromboembolic Stroke, Truncation Weight = 0%, ATES Weights, Inverse Probability of Treatment Weighted Analyses in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022



¹Weighted using Average Treatment Effect, Stabilized, (ATES)



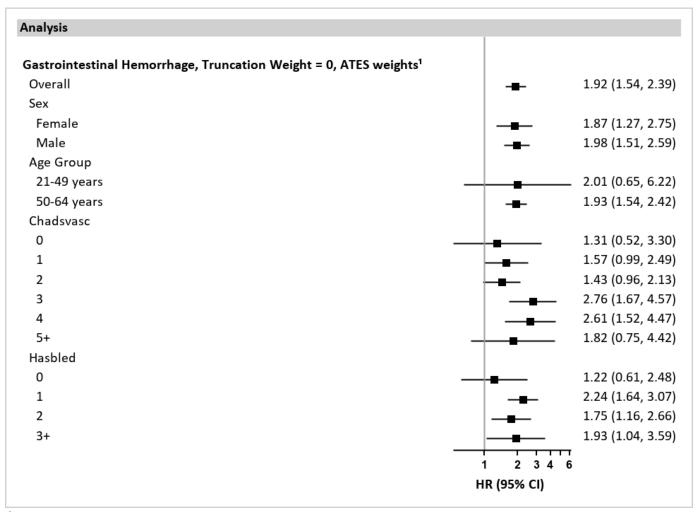
Figure 2f. Forest Plot of Hazard Ratios (HR) and 95% Confidence Intervals (CI) for Major Extracranial Bleeding, Truncation Weight = 0%, ATES Weights, Inverse Probability of Treatment Weighted Analyses in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022



¹Weighted using Average Treatment Effect, Stabilized, (ATES)



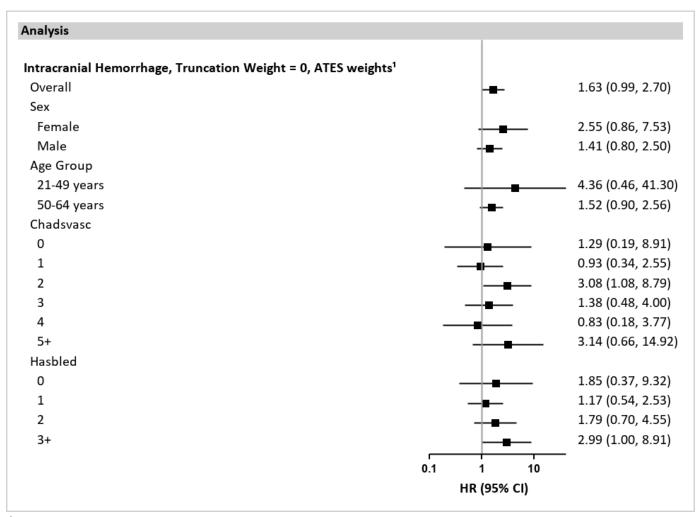
Figure 2g. Forest Plot of Hazard Ratios (HR) and 95% Confidence Intervals (CI) for Gastrointestinal Hemorrhage, Truncation Weight = 0%, ATES Weights, Inverse Probability of Treatment Weighted Analyses in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022



¹Weighted using Average Treatment Effect, Stabilized, (ATES)



Figure 2h. Forest Plot of Hazard Ratios (HR) and 95% Confidence Intervals (CI) for Intracranial Hemorrhage, Truncation Weight = 0%, ATES Weights, Inverse Probability of Treatment Weighted Analyses in the Sentinel Distributed Database from October 19, 2010 to February 28, 2022



¹Weighted using Average Treatment Effect, Stabilized, (ATES)



Appendix A. Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date (March 30, 2022)

Masked DP ID	DP Start Date	DP End Date ¹
DP01	01/01/2008	02/28/2022
DP02	01/01/2000	12/31/2020
DP03	01/01/2007	02/28/2022
DP04	01/01/2006	02/28/2022
DP05	01/01/2008	02/28/2022

¹End Date represents the earliest of: (1) query end date, or (2) last day of the most recent month for which all of a Data Partner's data tables (enrollment, dispensing, etc.) have at least 80% of the record count relative to the prior month.

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

Generic Name	Brand Name	
	Rivaroxaban	
rivaroxaban	Xarelto	
	Apixaban	
apixaban	Eliquis	
apixaban	Eliquis DVT-PE Treat 30D Start	

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Code	Description	Code Catego	ry Code Type
	Dialysis		
792.5	Cloudy (hemodialysis) (peritoneal) dialysis affluent	Diagnosis	ICD-9-CM
/45.1	Renal dialysis status	Diagnosis	ICD-9-CM
/45.11	Renal dialysis status	Diagnosis	ICD-9-CM
/45.12	Noncompliance with renal dialysis	Diagnosis	ICD-9-CM
/56.0	Encounter for extracorporeal dialysis	Diagnosis	ICD-9-CM
/56.1	Fitting and adjustment of extracorporeal dialysis catheter	Diagnosis	ICD-9-CM
/56.2	Fitting and adjustment of peritoneal dialysis catheter	Diagnosis	ICD-9-CM
/56.3	Encounter for adequacy testing for dialysis	Diagnosis	ICD-9-CM
/56.31	Encounter for adequacy testing for hemodialysis	Diagnosis	ICD-9-CM
/56.32	Encounter for adequacy testing for peritoneal dialysis	Diagnosis	ICD-9-CM
/56.8	Encounter other dialysis	Diagnosis	ICD-9-CM
R88.0	Cloudy (hemodialysis) (peritoneal) dialysis effluent	Diagnosis	ICD-10-CM
49.01	Encounter for fitting and adjustment of extracorporeal dialysis catheter	Diagnosis	ICD-10-CM
49.02	Encounter for fitting and adjustment of peritoneal dialysis catheter	Diagnosis	ICD-10-CM
49.31	Encounter for adequacy testing for hemodialysis	Diagnosis	ICD-10-CM
49.32	Encounter for adequacy testing for peritoneal dialysis	Diagnosis	ICD-10-CM
291.15	Patient's noncompliance with renal dialysis	Diagnosis	ICD-10-CM
299.2	Dependence on renal dialysis	Diagnosis	ICD-10-CM
90935	Hemodialysis procedure with single evaluation by a physician or other qualified	Procedure	CPT-4
	health care professional		
90937	Hemodialysis procedure requiring repeated evaluation(s) with or without	Procedure	CPT-4
	substantial revision of dialysis prescription		
90939	Hemodialysis access flow study to determine blood flow in grafts and	Procedure	CPT-4
	arteriovenous fistulae by an indicator dilution method, hook-up; transcutaneous		
	measurement and disconnection		
0940	Hemodialysis access flow study to determine blood flow in grafts and	Procedure	CPT-4
	arteriovenous fistulae by an indicator method		
0941	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	CPT-4
00942	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	CPT-4
00943	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	CPT-4
0944	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	CPT-4
00945	Dialysis procedure other than hemodialysis (eg, peritoneal dialysis,	Procedure	CPT-4
	hemofiltration, or other continuous renal replacement therapies), with single		
	evaluation by a physician or other qualified health care professional		
00947	Dialysis procedure other than hemodialysis (eg, peritoneal dialysis,	Procedure	CPT-4
	hemofiltration, or other continuous renal replacement therapies) requiring		.
	repeated evaluations by a physician or other qualified health care professional,		
	with or without substantial revision of dialysis prescription		
0951	End-stage renal disease (ESRD) related services monthly, for patients younger	Procedure	CPT-4
,0,0,0,1	than 2 years of age to include monitoring for the adequacy of nutrition,	riocedure	GI 1- 4
	assessment of growth and development, and counseling of parents; with 4 or		
	more face-to-face visits by a physician or other qualified health care professional per month		

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Code	Description	Code Categor	y Code Type
90952	End-stage renal disease (ESRD) related services monthly, for patients younger	Procedure	CPT-4
	than 2 years of age to include monitoring for the adequacy of nutrition,		
	assessment of growth and development, and counseling of parents; with 2-3 face-	-	
	to-face visits by a physician or other qualified health care professional per month		
90953	End-stage renal disease (ESRD) related services monthly, for patients younger	Procedure	CPT-4
	than 2 years of age to include monitoring for the adequacy of nutrition,		
	assessment of growth and development, and counseling of parents; with 1 face-		
	to-face visit by a physician or other qualified health care professional per month		
90954	End-stage renal disease (ESRD) related services monthly, for patients 2-11 years	Procedure	CPT-4
	of age to include monitoring for the adequacy of nutrition, assessment of growth		
	and development, and counseling of parents; with 4 or more face-to-face visits by	,	
	a physician or other qualified health care professional per month		
90955	End-stage renal disease (ESRD) related services monthly, for patients 2-11 years	Procedure	CPT-4
	of age to include monitoring for the adequacy of nutrition, assessment of growth		
	and development, and counseling of parents; with 2-3 face-to-face visits by a		
	physician or other qualified health care professional per month		
90956	End-stage renal disease (ESRD) related services monthly, for patients 2-11 years	Procedure	CPT-4
	of age to include monitoring for the adequacy of nutrition, assessment of growth		
	and development, and counseling of parents; with 1 face-to-face visit by a		
	physician or other qualified health care professional per month		
90957	End-stage renal disease (ESRD) related services monthly, for patients 12-19 years	Procedure	CPT-4
	of age to include monitoring for the adequacy of nutrition, assessment of growth		
	and development, and counseling of parents; with 4 or more face-to-face visits by		
	a physician or other qualified health care professional per month		
90958	End-stage renal disease (ESRD) related services monthly, for patients 12-19 years	Procedure	CPT-4
	of age to include monitoring for the adequacy of nutrition, assessment of growth		
	and development, and counseling of parents; with 2-3 face-to-face visits by a		
	physician or other qualified health care professional per month		
90959	End-stage renal disease (ESRD) related services monthly, for patients 12-19 years	Procedure	CPT-4
	of age to include monitoring for the adequacy of nutrition, assessment of growth		
	and development, and counseling of parents; with 1 face-to-face visit by a		
	physician or other qualified health care professional per month		
90960	End-stage renal disease (ESRD) related services monthly, for patients 20 years of	Procedure	CPT-4
	age and older; with 4 or more face-to-face visits by a physician or other qualified		
	health care professional per month		
90961		Procedure	CPT-4
	age and older; with 2-3 face-to-face visits by a physician or other qualified health		
	care professional per month		
90962	End-stage renal disease (ESRD) related services monthly, for patients 20 years of	Procedure	CPT-4
	age and older; with 1 face-to-face visit by a physician or other qualified health		
	care professional per month		
90963	End-stage renal disease (ESRD) related services for home dialysis per full month,	Procedure	CPT-4
	for patients younger than 2 years of age to include monitoring for the adequacy		
	of nutrition, assessment of growth and development, and counseling of parents		

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Code	Description	Code Categor	y Code Type
90964	End-stage renal disease (ESRD) related services for home dialysis per full month,	Procedure	CPT-4
	for patients 2-11 years of age to include monitoring for the adequacy of nutrition	,	
	assessment of growth and development, and counseling of parents		
90965	End-stage renal disease (ESRD) related services for home dialysis per full month,	Procedure	CPT-4
	for patients 12-19 years of age to include monitoring for the adequacy of		
	nutrition, assessment of growth and development, and counseling of parents		
90966	End-stage renal disease (ESRD) related services for home dialysis per full month,	Procedure	CPT-4
	for patients 20 years of age and older		
90967	End-stage renal disease (ESRD) related services for dialysis less than a full month	Procedure	CPT-4
	of service, per day; for patients younger than 2 years of age		
90968	End-stage renal disease (ESRD) related services for dialysis less than a full month	Procedure	CPT-4
	of service, per day; for patients 2-11 years of age		
90969	End-stage renal disease (ESRD) related services for dialysis less than a full month	Procedure	CPT-4
	of service, per day; for patients 12-19 years of age		
90970	End-stage renal disease (ESRD) related services for dialysis less than a full month	Procedure	CPT-4
	of service, per day; for patients 20 years of age and older		
90976	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90977	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90978	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90979	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90982	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90983	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90984	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90985	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90988	Supervision Of Hemodialysis In Hospital Or Other Facility (excluding Home Dialysis), On Monthly Basis	Procedure	CPT-4
90989	Dialysis training, patient, including helper where applicable, any mode, completed course	Procedure	CPT-4
90990	Hemodialysis Training And/or Counseling	Procedure	CPT-4
90991	Home Hemodialysis Care, Outpatient, For Those Services Either Provided By The Physician Primarily Responsible	Procedure	CPT-4
90992	Peritoneal Dialysis Training And/or Counseling	Procedure	CPT-4
90993	Dialysis training, patient, including helper where applicable, any mode, course not completed, per training session	Procedure	CPT-4
90994	Supervision Of Chronic Ambulatory Peritoneal Dialysis (capd), Home Or Outpatient (monthly)	Procedure	CPT-4
90995	End Stage Renal Disease (esrd) Related Services, Per Full Month	Procedure	CPT-4
90996	Continuous Arteriovenous Hemofiltration (cavh) (per Day)	Procedure	CPT-4
90997	Hemoperfusion (eg, with activated charcoal or resin)	Procedure	CPT-4
90998	End Stage Renal Disease (esrd) Related Services (less Than Full Month), Per Day	Procedure	CPT-4
90999	Unlisted dialysis procedure, inpatient or outpatient	Procedure	CPT-4
	Kidney replacement		
556	Transplant of kidney	Procedure	ICD-9-CM
5561	Renal autotransplantation	Procedure	ICD-9-CM
5569	Other kidney transplantation	Procedure	ICD-9-CM

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Code	Description	Code Category	Code Type
99681	Complications of transplanted kidney	Diagnosis	ICD-9-CM
420	Kidney replaced by transplant	Diagnosis	ICD-9-CM
86.10	Unspecified complication of kidney transplant	Diagnosis	ICD-10-CM
86.11	Kidney transplant rejection	Diagnosis	ICD-10-CM
86.12	Kidney transplant failure	Diagnosis	ICD-10-CM
86.13	Kidney transplant infection	Diagnosis	ICD-10-CM
86.19	Other complication of kidney transplant	Diagnosis	ICD-10-CM
48.22	Encounter for aftercare following kidney transplant	Diagnosis	ICD-10-CM
94.0	Kidney transplant status	Diagnosis	ICD-10-CM
TS00ZZ	Reposition Right Kidney, Open Approach	Procedure	ICD-10-PCS
TS10ZZ	Reposition Left Kidney, Open Approach	Procedure	ICD-10-PCS
TY00Z0	Transplantation of Right Kidney, Allogeneic, Open Approach	Procedure	ICD-10-PCS
TY00Z1	Transplantation of Right Kidney, Syngeneic, Open Approach	Procedure	ICD-10-PCS
TY00Z2	Transplantation of Right Kidney, Zooplastic, Open Approach	Procedure	ICD-10-PCS
TY10Z0	Transplantation of Left Kidney, Allogeneic, Open Approach	Procedure	ICD-10-PCS
TY10Z1	Transplantation of Left Kidney, Syngeneic, Open Approach	Procedure	ICD-10-PCS
TY10Z2	Transplantation of Left Kidney, Zooplastic, Open Approach	Procedure	ICD-10-PCS
	Ischemic Stroke		
33.01	Occlusion and stenosis of basilar artery with cerebral infarction	Diagnosis	ICD-9-CM
33.11	Occlusion and stenosis of carotid artery with cerebral infarction	Diagnosis	ICD-9-CM
33.21	Occlusion and stenosis of vertebral artery with cerebral infarction	Diagnosis	ICD-9-CM
33.31	Occlusion and stenosis of multiple and bilateral precerebral arteries with cerebral	Diagnosis	ICD-9-CM
	infarction		
33.81	Occlusion and stenosis of other specified precerebral artery with cerebral infarction	Diagnosis	ICD-9-CM
33.91	Occlusion and stenosis of unspecified precerebral artery with cerebral infarction	Diagnosis	ICD-9-CM
34.01	Cerebral thrombosis with cerebral infarction	Diagnosis	ICD-9-CM
34.11	Cerebral embolism with cerebral infarction	Diagnosis	ICD-9-CM
34.91	Unspecified cerebral artery occlusion with cerebral infarction	Diagnosis	ICD-9-CM
36	Acute, but ill-defined, cerebrovascular disease	Diagnosis	ICD-9-CM
53.22	Cerebral infarction due to unspecified occlusion or stenosis of basilar arteries	Diagnosis	ICD-10-CM
53.139	Cerebral infarction due to embolism of unspecified carotid artery	Diagnosis	ICD-10-CM
53.239	Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid arteries	-	ICD-10-CM
3.019	Cerebral infarction due to thrombosis of unspecified vertebral artery	Diagnosis	ICD-10-CM
53.119	Cerebral infarction due to embolism of unspecified vertebral artery	Diagnosis	ICD-10-CM
53.219	Cerebral infarction due to unspecified occlusion or stenosis of unspecified vertebral arteries	Diagnosis	ICD-10-CM
3.59	Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery	Diagnosis	ICD-10-CM
53.20	Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral arteries	Diagnosis	ICD-10-CM
	Cerebral infarction due to thrombosis of unspecified cerebral artery	Diagnosis	ICD-10-CM
53.30	Cerebral illiarcuon que to illioniposis or unspecimen cerebral arreix		

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Category Code Type	
163.50	Cerebral infarction due to unspecified occlusion or stenosis of unspecified	Diagnosis	ICD-10-CM
	cerebral artery	_	
167.89	Other cerebrovascular disease	Diagnosis	ICD-10-CM
163.00	Cerebral infarction due to thrombosis of unspecified precerebral artery	Diagnosis	ICD-10-CM
163.011	Cerebral infarction due to thrombosis of right vertebral artery	Diagnosis	ICD-10-CM
163.012	Cerebral infarction due to thrombosis of left vertebral artery	Diagnosis	ICD-10-CM
163.013	Cerebral infarction due to thrombosis of bilateral vertebral arteries	Diagnosis	ICD-10-CM
163.02	Cerebral infarction due to thrombosis of basilar artery	Diagnosis	ICD-10-CM
163.031	Cerebral infarction due to thrombosis of right carotid artery	Diagnosis	ICD-10-CM
163.032	Cerebral infarction due to thrombosis of left carotid artery	Diagnosis	ICD-10-CM
163.033	Cerebral infarction due to thrombosis of bilateral carotid arteries	Diagnosis	ICD-10-CM
163.039	Cerebral infarction due to thrombosis of unspecified carotid artery	Diagnosis	ICD-10-CM
163.09	Cerebral infarction due to thrombosis of other precerebral artery	Diagnosis	ICD-10-CM
163.10	Cerebral infarction due to embolism of unspecified precerebral artery	Diagnosis	ICD-10-CM
163.111	Cerebral infarction due to embolism of right vertebral artery	Diagnosis	ICD-10-CM
163.112	Cerebral infarction due to embolism of left vertebral artery	Diagnosis	ICD-10-CM
163.113	Cerebral infarction due to embolism of bilateral vertebral arteries	Diagnosis	ICD-10-CM
163.12	Cerebral infarction due to embolism of basilar artery	Diagnosis	ICD-10-CM
163.131	Cerebral infarction due to embolism of right carotid artery	Diagnosis	ICD-10-CM
163.132	Cerebral infarction due to embolism of left carotid artery	Diagnosis	ICD-10-CM
163.133	Cerebral infarction due to embolism of bilateral carotid arteries	Diagnosis	ICD-10-CM
163.19	Cerebral infarction due to embolism of other precerebral artery	Diagnosis	ICD-10-CM
163.211	Cerebral infarction due to unspecified occlusion or stenosis of right vertebral arteries	Diagnosis	ICD-10-CM
163.212	Cerebral infarction due to unspecified occlusion or stenosis of left vertebral arteries	Diagnosis	ICD-10-CM
l63.213	Cerebral infarction due to unspecified occlusion or stenosis of bilateral vertebral arteries	Diagnosis	ICD-10-CM
163.231	Cerebral infarction due to unspecified occlusion or stenosis of right carotid arteries	Diagnosis	ICD-10-CM
163.232	Cerebral infarction due to unspecified occlusion or stenosis of left carotid arteries	Diagnosis	ICD-10-CM
163.233	Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid arteries	Diagnosis	ICD-10-CM
163.29	Cerebral infarction due to unspecified occlusion or stenosis of other precerebral arteries	Diagnosis	ICD-10-CM
163.311	Cerebral infarction due to thrombosis of right middle cerebral artery	Diagnosis	ICD-10-CM
163.312	Cerebral infarction due to thrombosis of left middle cerebral artery	Diagnosis	ICD-10-CM
163.313	Cerebral infarction due to thrombosis of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
163.319	Cerebral infarction due to thrombosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
163.321	Cerebral infarction due to thrombosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
163.322	Cerebral infarction due to thrombosis of left anterior cerebral artery	Diagnosis	ICD-10-CM
163.323	Cerebral infarction due to thrombosis of bilateral anterior arteries	Diagnosis	ICD-10-CM
163.329	Cerebral infarction due to thrombosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
163.331	Cerebral infarction due to thrombosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
163.332	Cerebral infarction due to thrombosis of left posterior cerebral artery	Diagnosis	ICD-10-CM

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Category	y Code Type
163.333	Cerebral infarction to thrombosis of bilateral posterior arteries	Diagnosis	ICD-10-CM
163.339	Cerebral infarction due to thrombosis of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
163.341	Cerebral infarction due to thrombosis of right cerebellar artery	Diagnosis	ICD-10-CM
163.342	Cerebral infarction due to thrombosis of left cerebellar artery	Diagnosis	ICD-10-CM
163.343	Cerebral infarction to thrombosis of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
163.349	Cerebral infarction due to thrombosis of unspecified cerebellar artery	Diagnosis	ICD-10-CM
163.39	Cerebral infarction due to thrombosis of other cerebral artery	Diagnosis	ICD-10-CM
163.411	Cerebral infarction due to embolism of right middle cerebral artery	Diagnosis	ICD-10-CM
163.412	Cerebral infarction due to embolism of left middle cerebral artery	Diagnosis	ICD-10-CM
163.413	Cerebral infarction due to embolism of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
163.419	Cerebral infarction due to embolism of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
163.421	Cerebral infarction due to embolism of right anterior cerebral artery	Diagnosis	ICD-10-CM
163.422	Cerebral infarction due to embolism of left anterior cerebral artery	Diagnosis	ICD-10-CM
163.423	Cerebral infarction due to embolism of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
163.429	Cerebral infarction due to embolism of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
163.431	Cerebral infarction due to embolism of right posterior cerebral artery	Diagnosis	ICD-10-CM
163.432	Cerebral infarction due to embolism of left posterior cerebral artery	Diagnosis	ICD-10-CM
163.433	Cerebral infarction due to embolism of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
163.439	Cerebral infarction due to embolism of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
163.441	Cerebral infarction due to embolism of right cerebellar artery	Diagnosis	ICD-10-CM
163.442	Cerebral infarction due to embolism of left cerebellar artery	Diagnosis	ICD-10-CM
163.443	Cerebral infarction due to embolism of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
163.449	Cerebral infarction due to embolism of unspecified cerebellar artery	Diagnosis	ICD-10-CM
163.49	Cerebral infarction due to embolism of other cerebral artery	Diagnosis	ICD-10-CM
163.511	Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery	Diagnosis	ICD-10-CM
163.512	Cerebral infarction due to unspecified occlusion or stenosis of left middle cerebral artery	Diagnosis	ICD-10-CM
163.513	Cerebral infarction due to unspecified occlusion or stenosis of bilateral middle arteries	Diagnosis	ICD-10-CM
163.519	Cerebral infarction due to unspecified occlusion or stenosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
163.521	Cerebral infarction due to unspecified occlusion or stenosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
163.522	Cerebral infarction due to unspecified occlusion or stenosis of left anterior cerebral artery	Diagnosis	ICD-10-CM
163.523	Cerebral infarction due to unspecified occlusion or stenosis of bilateral anterior arteries	Diagnosis	ICD-10-CM
163.529	Cerebral infarction due to unspecified occlusion or stenosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
163.531	Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
163.532	Cerebral infarction due to unspecified occlusion or stenosis of left posterior cerebral artery	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
163.533	Cerebral infarction due to unspecified occlusion or stenosis of bilateral posterior	Diagnosis	ICD-10-CM
	arteries		
163.539	Cerebral infarction due to unspecified occlusion or stenosis of unspecified	Diagnosis	ICD-10-CM
	posterior cerebral artery		
163.541	Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar	Diagnosis	ICD-10-CM
	artery		
163.542	Cerebral infarction due to unspecified occlusion or stenosis of left cerebellar	Diagnosis	ICD-10-CM
	artery		100 10 011
163.543	Cerebral infarction due to unspecified occlusion or stenosis of bilateral cerebellar	Diagnosis	ICD-10-CM
162 540	arteries	Diamonia	ICD 40 CN4
163.549	Cerebral infarction due to unspecified occlusion or stenosis of unspecified	Diagnosis	ICD-10-CM
163.6	cerebellar artery Cerebral infarction due to cerebral venous thrombosis, nonpyogenic	Diagnosis	ICD 10 CM
163.8	Other cerebral infarction	Diagnosis Diagnosis	ICD-10-CM ICD-10-CM
163.9	Cerebral infarction, unspecified	Diagnosis	ICD-10-CM
103.3	Intracranial Hemorrhage	Diagnosis	ICD-10-CIVI
430	Subarachnoid hemorrhage	Diagnosis	ICD-9-CM
431	Intracerebral hemorrhage	Diagnosis	ICD-9-CM
432	Other and unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
432	Nontraumatic extradural hemorrhage	Diagnosis	ICD-9-CM
432.1	Subdural hemorrhage	Diagnosis	ICD-9-CM
432.9	Unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
452.5 852	Subarachnoid hemorrhage following injury without mention of open intracranial	Diagnosis	ICD-9-CM
032	wound	Diagnosis	ICD 5 CIVI
852	Subarachnoid hemorrhage following injury, without mention of open intracranial	Diagnosis	ICD-9-CM
	wound, unspecified state of consciousness	g	
852.01	Subarachnoid hemorrhage following injury, without mention of open intracranial	Diagnosis	ICD-9-CM
	wound, no loss of consciousness	.0	
852.02	Subarachnoid hemorrhage following injury, without mention of open intracranial	Diagnosis	ICD-9-CM
	wound, brief (less than 1 hour) loss of consciousness	J	
852.03	Subarachnoid hemorrhage following injury, without mention of open intracranial	Diagnosis	ICD-9-CM
	wound, moderate (1-24 hours) loss of consciousness	_	
852.04	Subarachnoid hemorrhage following injury, without mention of open intracranial	Diagnosis	ICD-9-CM
	wound, prolonged (more than 24 hours) loss of consciousness and return to pre-	_	
	existing conscious level		
852.05	Subarachnoid hemorrhage following injury, without mention of open intracranial	Diagnosis	ICD-9-CM
	wound, prolonged (more than 24 hours) loss of consciousness, without return to	_	
	pre-existing conscious level		
852.06	Subarachnoid hemorrhage following injury, without mention of open intracranial	Diagnosis	ICD-9-CM
	wound, loss of consciousness of unspecified duration	_	
852.09	Subarachnoid hemorrhage following injury, without mention of open intracranial	Diagnosis	ICD-9-CM
	wound, unspecified concussion	-	
852.2	Subdural hemorrhage following injury without mention of open intracranial	Diagnosis	ICD-9-CM

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Code	Description	Code Catego	ry Code Type
852.2	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
852.4	Extradural hemorrhage following injury without mention of open intracranial wound	Diagnosis	ICD-9-CM
852.4	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
853	Other and unspecified intracranial hemorrhage following injury, without mention of open intracranial wound	Diagnosis	ICD-9-CM
853	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

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Code	Description	Code Categor	
853.02	Other and unspecified intracranial hemorrhage following injury, without mention	Diagnosis	ICD-9-CM
	of open intracranial wound, brief (less than 1 hour) loss of consciousness		
853.03	Other and unspecified intracranial hemorrhage following injury, without mention	Diagnosis	ICD-9-CM
	of open intracranial wound, moderate (1-24 hours) loss of consciousness		
853.04	Other and unspecified intracranial hemorrhage following injury, without mention	Diagnosis	ICD-9-CM
	of open intracranial wound, prolonged (more than 24 hours) loss of		
	consciousness and return to preexisting conscious level		
853.05	Other and unspecified intracranial hemorrhage following injury. Without mention	Diagnosis	ICD-9-CM
	of open intracranial wound, prolonged (more than 24 hours) loss of		
	consciousness, without return to pre-existing conscious level		
853.06	Other and unspecified intracranial hemorrhage following injury, without mention	Diagnosis	ICD-9-CM
	of open intracranial wound, loss of consciousness of unspecified duration		
853.09	Other and unspecified intracranial hemorrhage following injury, without mention	Diagnosis	ICD-9-CM
	of open intracranial wound, unspecified concussion		
160.00	Nontraumatic subarachnoid hemorrhage from unspecified carotid siphon and	Diagnosis	ICD-10-CM
	bifurcation		
160.01	Nontraumatic subarachnoid hemorrhage from right carotid siphon and	Diagnosis	ICD-10-CM
	bifurcation		
160.02	Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation	Diagnosis	ICD-10-CM
160.10	Nontraumatic subarachnoid hemorrhage from unspecified middle cerebral artery		ICD-10-CM
160.11	Nontraumatic subarachnoid hemorrhage from right middle cerebral artery	Diagnosis	ICD-10-CM
160.12	Nontraumatic subarachnoid hemorrhage from left middle cerebral artery	Diagnosis	ICD-10-CM
160.2	Nontraumatic subarachnoid hemorrhage from anterior communicating artery	Diagnosis	ICD-10-CM
160.30	Nontraumatic subarachnoid hemorrhage from unspecified posterior	Diagnosis	ICD-10-CM
	communicating artery		
160.31	Nontraumatic subarachnoid hemorrhage from right posterior communicating	Diagnosis	ICD-10-CM
	artery		
160.32	Nontraumatic subarachnoid hemorrhage from left posterior communicating	Diagnosis	ICD-10-CM
	artery		
160.4	Nontraumatic subarachnoid hemorrhage from basilar artery	Diagnosis	ICD-10-CM
160.50	Nontraumatic subarachnoid hemorrhage from unspecified vertebral artery	Diagnosis	ICD-10-CM
160.51	Nontraumatic subarachnoid hemorrhage from right vertebral artery	Diagnosis	ICD-10-CM
160.52	Nontraumatic subarachnoid hemorrhage from left vertebral artery	Diagnosis	ICD-10-CM
160.6	Nontraumatic subarachnoid hemorrhage from other intracranial arteries	Diagnosis	ICD-10-CM
160.7	Nontraumatic subarachnoid hemorrhage from unspecified intracranial artery	Diagnosis	ICD-10-CM
160.8	Other nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
160.9	Nontraumatic subarachnoid hemorrhage, unspecified	Diagnosis	ICD-10-CM
161.0	Nontraumatic intracerebral hemorrhage in hemisphere, subcortical	Diagnosis	ICD-10-CM
161.1	Nontraumatic intracerebral hemorrhage in hemisphere, cortical	Diagnosis	ICD-10-CM
161.2	Nontraumatic intracerebral hemorrhage in hemisphere, unspecified	Diagnosis	ICD-10-CM
161.3	Nontraumatic intracerebral hemorrhage in brain stem	Diagnosis	ICD-10-CM
161.4	Nontraumatic intracerebral hemorrhage in cerebellum	Diagnosis	ICD-10-CM
161.5	Nontraumatic intracerebral hemorrhage, intraventricular	Diagnosis	ICD-10-CM
161.6	Nontraumatic intracerebral hemorrhage, multiple localized	Diagnosis	ICD-10-CM
161.8	Other nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM

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Code	Description	Code Categor	y Code Type
161.9	Nontraumatic intracerebral hemorrhage, unspecified	Diagnosis	ICD-10-CM
162.00	Nontraumatic subdural hemorrhage, unspecified	Diagnosis	ICD-10-CM
162.01	Nontraumatic acute subdural hemorrhage	Diagnosis	ICD-10-CM
162.02	Nontraumatic subacute subdural hemorrhage	Diagnosis	ICD-10-CM
162.03	Nontraumatic chronic subdural hemorrhage	Diagnosis	ICD-10-CM
162.1	Nontraumatic extradural hemorrhage	Diagnosis	ICD-10-CM
162.9	Nontraumatic intracranial hemorrhage, unspecified	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
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

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Code	Description	Code Catego	ory Code Type
S06.357A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any	Diagnosis	ICD-10-CM
	duration with death due to brain injury prior to regaining consciousness, initial		
	encounter		
S06.358A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any	Diagnosis	ICD-10-CM
	duration with death due to other cause prior to regaining consciousness, initial		
	encounter		
S06.359A	Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified	Diagnosis	ICD-10-CM
	duration, initial encounter		
S06.360A	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness,	Diagnosis	ICD-10-CM
505 2514	initial encounter	Diamonia	ICD 40 CM
S06.361A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30	Diagnosis	ICD-10-CM
506 3634	minutes or less, initial encounter Traumatic homographics of corollary unconsided, with less of consciousness of 31	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	Diagnosis	ICD-10-CM
300.303A	hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD 10 CIVI
S06.364A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6	Diagnosis	ICD-10-CM
	hours to 24 hours, initial encounter	2.0800.0	.05 20 0
S06.365A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness	Diagnosis	ICD-10-CM
	greater than 24 hours with return to pre-existing conscious level, initial	J	
S06.366A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness	Diagnosis	ICD-10-CM
	greater than 24 hours without return to pre-existing conscious level with patient		
	surviving, initial encounter		
S06.367A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of	Diagnosis	ICD-10-CM
	any duration with death due to brain injury prior to regaining consciousness,		
	initial encounter		
S06.368A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of	Diagnosis	ICD-10-CM
	any duration with death due to other cause prior to regaining consciousness,		
	initial encounter		
S06.369A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of	Diagnosis	ICD-10-CM
505 41/04	unspecified duration, initial encounter	Diamonia	ICD 40 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	Diagnosis	ICD-10-CM
COE 4V2A	encounter Epidural hemorrhage with loss of consciousness of 31 minutes to 59 minutes,	Diagnosis	ICD-10-CM
S06.4X2A	initial encounter	Diagnosis	ICD-10-CIVI
S06.4X3A	Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes,	Diagnosis	ICD-10-CM
300.4737	initial encounter	Diagnosis	ICD-10-CIVI
S06.4X4A	Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial	Diagnosis	ICD-10-CM
	encounter	000010	
S06.4X5A	Epidural hemorrhage with loss of consciousness greater than 24 hours with	Diagnosis	ICD-10-CM
	return to pre-existing conscious level, initial encounter	J	
S06.4X6A	Epidural hemorrhage with loss of consciousness greater than 24 hours without	Diagnosis	ICD-10-CM
	return to pre-existing conscious level with patient surviving, initial encounter		

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Code	Description	Code Catego	ry Code Type
S06.4X7A	Epidural hemorrhage with loss of consciousness of any duration with death due	Diagnosis	ICD-10-CM
	to brain injury prior to regaining consciousness, initial encounter		
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
506.4X9A	Epidural hemorrhage with loss of consciousness of unspecified duration, initial	Diagnosis	ICD-10-CM
300.4A3A	encounter	Diagnosis	ICD-10-CIVI
506.5X0A	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
COE EVEA		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	Diagnosis	ICD-10-CM

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Category Code Type	
506.6X9A	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified	Diagnosis	ICD-10-CM
	duration, initial encounter		
	Gastrointestinal Bleeding - List 1		
55.2	Internal hemorrhoids with other complication	Diagnosis	ICD-9-CM
55.5	External hemorrhoids with other complication	Diagnosis	ICD-9-CM
55.8	Unspecified hemorrhoids with other complication	Diagnosis	ICD-9-CM
56	Esophageal varices with bleeding	Diagnosis	ICD-9-CM
56.2	Esophageal varices with bleeding in diseases classified elsewhere	Diagnosis	ICD-9-CM
59	Unspecified hemorrhage	Diagnosis	ICD-9-CM
30.7	Gastroesophageal laceration-hemorrhage syndrome	Diagnosis	ICD-9-CM
30.82	Esophageal hemorrhage	Diagnosis	ICD-9-CM
31	Acute gastric ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
31.01	Acute gastric ulcer with hemorrhage and obstruction	Diagnosis	ICD-9-CM
31.2	Acute gastric ulcer with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
31.21	Acute gastric ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
31.4	Chronic or unspecified gastric ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
31.41	Chronic or unspecified gastric ulcer with hemorrhage and obstruction	Diagnosis	ICD-9-CM
31.6	Chronic or unspecified gastric ulcer with hemorrhage and perforation	Diagnosis	ICD-9-CM
31.61	Chronic or unspecified gastric ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
32	Acute duodenal ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
32.01	Acute duodenal ulcer with hemorrhage and obstruction	Diagnosis	ICD-9-CM
32.2	Acute duodenal ulcer with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
32.21	Acute duodenal ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
32.4	Duodenal ulcer, chronic or unspecified, with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
32.41	Chronic or unspecified duodenal ulcer with hemorrhage and obstruction	Diagnosis	ICD-9-CM
32.6	Chronic or unspecified duodenal ulcer with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
32.61	Chronic or unspecified duodenal ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
33	Acute peptic ulcer, unspecified site, with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
33.01	Acute peptic ulcer, unspecified site, with hemorrhage and obstruction	Diagnosis	ICD-9-CM
33.2	Acute peptic ulcer, unspecified site, with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
33.21	Acute peptic ulcer, unspecified site, with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
33.4	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
33.41	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage and obstruction	Diagnosis	ICD-9-CM

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Catego	ry Code Type
533.6	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage and	Diagnosis	ICD-9-CM
	perforation, without mention of obstruction		
533.61	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage,	Diagnosis	ICD-9-CM
	perforation, and obstruction		
534	Acute gastrojejunal ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
534.01	Acute gastrojejunal ulcer, with hemorrhage and obstruction	Diagnosis	ICD-9-CM
534.2	Acute gastrojejunal ulcer with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
534.21	Acute gastrojejunal ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
534.4	Chronic or unspecified gastrojejunal ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
534.41	Chronic or unspecified gastrojejunal ulcer, with hemorrhage and obstruction	Diagnosis	ICD-9-CM
534.6	Chronic or unspecified gastrojejunal ulcer with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
534.61	Chronic or unspecified gastrojejunal ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
535.01	Acute gastritis with hemorrhage	Diagnosis	ICD-9-CM
535.11	Atrophic gastritis with hemorrhage	Diagnosis	ICD-9-CM
535.21	Gastric mucosal hypertrophy with hemorrhage	Diagnosis	ICD-9-CM
535.31	Alcoholic gastritis with hemorrhage	Diagnosis	ICD-9-CM
535.41	Other specified gastritis with hemorrhage	Diagnosis	ICD-9-CM
535.51	Unspecified gastritis and gastroduodenitis with hemorrhage	Diagnosis	ICD-9-CM
535.61	Duodenitis with hemorrhage	Diagnosis	ICD-9-CM
537.83	Angiodysplasia of stomach and duodenum with hemorrhage	Diagnosis	ICD-9-CM
562.02	Diverticulosis of small intestine with hemorrhage	Diagnosis	ICD-9-CM
562.03	Diverticulitis of small intestine with hemorrhage	Diagnosis	ICD-9-CM
562.12	Diverticulosis of colon with hemorrhage	Diagnosis	ICD-9-CM
562.13	Diverticulitis of colon with hemorrhage	Diagnosis	ICD-9-CM
568.81	Hemoperitoneum (nontraumatic)	Diagnosis	ICD-9-CM
569.3	Hemorrhage of rectum and anus	Diagnosis	ICD-9-CM
569.85	Angiodysplasia of intestine with hemorrhage	Diagnosis	ICD-9-CM
578	Hematemesis	Diagnosis	ICD-9-CM
578.1	Blood in stool	Diagnosis	ICD-9-CM
578.9	Hemorrhage of gastrointestinal tract, unspecified	Diagnosis	ICD-9-CM
185.01	Esophageal varices with bleeding	Diagnosis	ICD-10-CM
185.11	Secondary esophageal varices with bleeding	Diagnosis	ICD-10-CM
K22.6	Gastro-esophageal laceration-hemorrhage syndrome	Diagnosis	ICD-10-CM
K22.8	Other specified diseases of esophagus	Diagnosis	ICD-10-CM
K25.0	Acute gastric ulcer with hemorrhage	Diagnosis	ICD-10-CM
K25.2	Acute gastric ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K25.4	Chronic or unspecified gastric ulcer with hemorrhage	Diagnosis	ICD-10-CM
K25.6	Chronic or unspecified gastric ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K26.0	Acute duodenal ulcer with hemorrhage	Diagnosis	ICD-10-CM
K26.2	Acute duodenal ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K26.4	Chronic or unspecified duodenal ulcer with hemorrhage	Diagnosis	ICD-10-CM

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Categor	y Code Type
K26.6	Chronic or unspecified duodenal ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K27.0	Acute peptic ulcer, site unspecified, with hemorrhage	Diagnosis	ICD-10-CM
K27.2	Acute peptic ulcer, site unspecified, with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K27.4	Chronic or unspecified peptic ulcer, site unspecified, with hemorrhage	Diagnosis	ICD-10-CM
K27.6	Chronic or unspecified peptic ulcer, site unspecified, with both hemorrhage and	Diagnosis	ICD-10-CM
	perforation		
K28.0	Acute gastrojejunal ulcer with hemorrhage	Diagnosis	ICD-10-CM
K28.2	Acute gastrojejunal ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K28.4	Chronic or unspecified gastrojejunal ulcer with hemorrhage	Diagnosis	ICD-10-CM
K28.6	Chronic or unspecified gastrojejunal ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K29.01	Acute gastritis with bleeding	Diagnosis	ICD-10-CM
K29.21	Alcoholic gastritis with bleeding	Diagnosis	ICD-10-CM
K29.31	Chronic superficial gastritis with bleeding	Diagnosis	ICD-10-CM
K29.41	Chronic atrophic gastritis with bleeding	Diagnosis	ICD-10-CM
K29.51	Unspecified chronic gastritis with bleeding	Diagnosis	ICD-10-CM
K29.61	Other gastritis with bleeding	Diagnosis	ICD-10-CM
K29.71	Gastritis, unspecified, with bleeding	Diagnosis	ICD-10-CM
K29.81	Duodenitis with bleeding	Diagnosis	ICD-10-CM
K29.91	Gastroduodenitis, unspecified, with bleeding	Diagnosis	ICD-10-CM
K31.811	Angiodysplasia of stomach and duodenum with bleeding	Diagnosis	ICD-10-CM
K55.21	Angiodysplasia of colon with hemorrhage	Diagnosis	ICD-10-CM
K56.699	Other intestinal obstruction unspecified as to partial versus complete obstruction	Diagnosis	ICD-10-CM
K57.01	Diverticulitis of small intestine with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.11	Diverticulosis of small intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.13	Diverticulitis of small intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.21	Diverticulitis of large intestine with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.31	Diverticulosis of large intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.33	Diverticulitis of large intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.41	Diverticulitis of both small and large intestine with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.51	Diverticulosis of both small and large intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.53	Diverticulitis of both small and large intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.81	Diverticulitis of intestine, part unspecified, with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.91	Diverticulosis of intestine, part unspecified, without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.93	Diverticulitis of intestine, part unspecified, without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K62.5	Hemorrhage of anus and rectum	Diagnosis	ICD-10-CM
K64.0	First degree hemorrhoids	Diagnosis	ICD-10-CM
K64.1	Second degree hemorrhoids	Diagnosis	ICD-10-CM
K64.2	Third degree hemorrhoids	Diagnosis	ICD-10-CM
K64.3	Fourth degree hemorrhoids	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
K64.4	Residual hemorrhoidal skin tags	Diagnosis	ICD-10-CM
K64.8	Other hemorrhoids	Diagnosis	ICD-10-CM
K66.1	Hemoperitoneum	Diagnosis	ICD-10-CM
K92.0	Hematemesis	Diagnosis	ICD-10-CM
K92.1	Melena	Diagnosis	ICD-10-CM
K92.2	Gastrointestinal hemorrhage, unspecified	Diagnosis	ICD-10-CM
R58	Hemorrhage, not elsewhere classified	Diagnosis	ICD-10-CM
	Gastrointestinal Bleeding - List 2		
455.0	Internal hemorrhoids without mention of complication	Diagnosis	ICD-9-CM
455.1	Internal thrombosed hemorrhoids	Diagnosis	ICD-9-CM
455.3	External hemorrhoids without mention of complication	Diagnosis	ICD-9-CM
455.4	External thrombosed hemorrhoids	Diagnosis	ICD-9-CM
455.6	Unspecified hemorrhoids without mention of complication	Diagnosis	ICD-9-CM
455.7	Unspecified thrombosed hemorrhoids	Diagnosis	ICD-9-CM
531.1	Acute gastric ulcer with perforation	Diagnosis	ICD-9-CM
531.3	Acute gastric ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
531.5	Chronic or unspecified gastric ulcer with perforation	Diagnosis	ICD-9-CM
531.7	Chronic gastric ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
531.9	Gastric ulcer, unspecified as acute or chronic, without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
532.1	Acute duodenal ulcer with perforation	Diagnosis	ICD-9-CM
532.3	Acute duodenal ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
532.5	Chronic or unspecified duodenal ulcer with perforation	Diagnosis	ICD-9-CM
532.7	Chronic duodenal ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
532.9	Duodenal ulcer, unspecified as acute or chronic, without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
533.1	Acute peptic ulcer, unspecified site, with perforation	Diagnosis	ICD-9-CM
533.3	Acute peptic ulcer, unspecified site, without mention of hemorrhage and perforation	Diagnosis	ICD-9-CM
533.5	Chronic or unspecified peptic ulcer, unspecified site, with perforation	Diagnosis	ICD-9-CM
533.7	Chronic peptic ulcer, unspecified site, without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
533.9	Peptic ulcer, unspecified site, unspecified as acute or chronic, without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
534.1	Acute gastrojejunal ulcer with perforation	Diagnosis	ICD-9-CM
534.3	Acute gastrojejunal ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
534.5	Chronic or unspecified gastrojejunal ulcer with perforation	Diagnosis	ICD-9-CM
534.7	Chronic gastrojejunal ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
534.9	Gastrojejunal ulcer, unspecified as acute or chronic, without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
535.00	Acute gastritis without mention of hemorrhage	Diagnosis	ICD-9-CM
535.10	Atrophic gastritis without mention of hemorrhage	Diagnosis	ICD-9-CM
535.20	Gastric mucosal hypertrophy without mention of hemorrhage	Diagnosis	ICD-9-CM
535.30	Alcoholic gastritis without mention of hemorrhage	Diagnosis	ICD-9-CM
535.40	Other specified gastritis without mention of hemorrhage	Diagnosis	ICD-9-CM

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Code	Description	Code Catego	ry Code Type
35.50	Unspecified gastritis and gastroduodenitis without mention of hemorrhage	Diagnosis	ICD-9-CM
35.60	Duodenitis without mention of hemorrhage	Diagnosis	ICD-9-CM
62.00	Diverticulosis of small intestine (without mention of hemorrhage)	Diagnosis	ICD-9-CM
62.01	Diverticulitis of small intestine (without mention of hemorrhage)	Diagnosis	ICD-9-CM
62.10	Diverticulosis of colon (without mention of hemorrhage)	Diagnosis	ICD-9-CM
62.11	Diverticulitis of colon (without mention of hemorrhage)	Diagnosis	ICD-9-CM
30.1	Esophagitis	Diagnosis	ICD-9-CM
29.00	Acute gastritis without bleeding	Diagnosis	ICD-10-CM
29.20	Alcoholic gastritis without bleeding	Diagnosis	ICD-10-CM
29.30	Chronic superficial gastritis without bleeding	Diagnosis	ICD-10-CM
29.40	Chronic atrophic gastritis without bleeding	Diagnosis	ICD-10-CM
29.50	Unspecified chronic gastritis without bleeding	Diagnosis	ICD-10-CM
29.60	Other gastritis without bleeding	Diagnosis	ICD-10-CM
29.70	Gastritis, unspecified, without bleeding	Diagnosis	ICD-10-CM
29.80	Duodenitis without bleeding	Diagnosis	ICD-10-CM
29.90	Gastroduodenitis, unspecified, without bleeding	Diagnosis	ICD-10-CM
57.00	Diverticulitis of small intestine with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
57.10	Diverticulosis of small intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
57.12	Diverticulitis of small intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
57.20	Diverticulitis of large intestine with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
57.30	Diverticulosis of large intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
57.32	Diverticulitis of large intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
57.40	Diverticulitis of both small and large intestine with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
57.50	Diverticulosis of both small and large intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
57.52	Diverticulitis of both small and large intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
57.80	Diverticulitis of intestine, part unspecified, with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
57.90	Diverticulosis of intestine, part unspecified, without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
57.92	Diverticulitis of intestine, part unspecified, without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
64.0	First degree hemorrhoids	Diagnosis	ICD-10-CM
64.1	Second degree hemorrhoids	Diagnosis	ICD-10-CM
64.2	Third degree hemorrhoids	Diagnosis	ICD-10-CM
64.3	Fourth degree hemorrhoids	Diagnosis	ICD-10-CM
64.4	Residual hemorrhoidal skin tags	Diagnosis	ICD-10-CM
64.5	Perianal venous thrombosis	Diagnosis	ICD-10-CM
64.8	Other hemorrhoids	Diagnosis	ICD-10-CM
64.9	Unspecified hemorrhoids	Diagnosis	ICD-10-CM
	Major Extracranial Bleeding - List 1		
23.0	Hemopericardium	Diagnosis	ICD-9-CM
55.2	Internal hemorrhoids with other complication	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
455.5	External hemorrhoids with other complication	Diagnosis	ICD-9-CM
455.8	Unspecified hemorrhoids with other complication	Diagnosis	ICD-9-CM
456.0	Esophageal varices with bleeding	Diagnosis	ICD-9-CM
456.20	Esophageal varices with bleeding in diseases classified elsewhere	Diagnosis	ICD-9-CM
459.0	Unspecified hemorrhage	Diagnosis	ICD-9-CM
530.7	Gastroesophageal laceration-hemorrhage syndrome	Diagnosis	ICD-9-CM
530.82	Esophageal hemorrhage	Diagnosis	ICD-9-CM
531.0	Acute gastric ulcer with hemorrhage	Diagnosis	ICD-9-CM
531.00	Acute gastric ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
531.01	Acute gastric ulcer with hemorrhage and obstruction	Diagnosis	ICD-9-CM
531.2	Acute gastric ulcer with hemorrhage and perforation	Diagnosis	ICD-9-CM
531.20	Acute gastric ulcer with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
531.21	Acute gastric ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
531.4	Chronic or unspecified gastric ulcer with hemorrhage	Diagnosis	ICD-9-CM
531.40	Chronic or unspecified gastric ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
531.41	Chronic or unspecified gastric ulcer with hemorrhage and obstruction	Diagnosis	ICD-9-CM
531.6	Chronic or unspecified gastric ulcer with hemorrhage and perforation	Diagnosis	ICD-9-CM
531.60	Chronic or unspecified gastric ulcer with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
531.61	Chronic or unspecified gastric ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
532.0	Acute duodenal ulcer with hemorrhage	Diagnosis	ICD-9-CM
532.00	Acute duodenal ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
532.01	Acute duodenal ulcer with hemorrhage and obstruction	Diagnosis	ICD-9-CM
532.2	Acute duodenal ulcer with hemorrhage and perforation	Diagnosis	ICD-9-CM
532.20	Acute duodenal ulcer with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
532.21	Acute duodenal ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
532.4	Chronic or unspecified duodenal ulcer with hemorrhage	Diagnosis	ICD-9-CM
532.40	Duodenal ulcer, chronic or unspecified, with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
532.41	Chronic or unspecified duodenal ulcer with hemorrhage and obstruction	Diagnosis	ICD-9-CM
532.6	Chronic or unspecified duodenal ulcer with hemorrhage and perforation	Diagnosis	ICD-9-CM
532.60	Chronic or unspecified duodenal ulcer with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
532.61	Chronic or unspecified duodenal ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
533.0	Acute peptic ulcer, unspecified site, with hemorrhage	Diagnosis	ICD-9-CM
533.00	Acute peptic ulcer, unspecified site, with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
533.01	Acute peptic ulcer, unspecified site, with hemorrhage and obstruction	Diagnosis	ICD-9-CM
533.2	Acute peptic ulcer, unspecified site, with hemorrhage and perforation	Diagnosis	ICD-9-CM

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Code	Description	Code Catego	ry Code Type
533.20	Acute peptic ulcer, unspecified site, with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
533.21	Acute peptic ulcer, unspecified site, with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
533.4	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage	Diagnosis	ICD-9-CM
533.40	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
533.41	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage and obstruction	Diagnosis	ICD-9-CM
533.6	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage and perforation	Diagnosis	ICD-9-CM
533.60	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
533.61	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
534.0	Acute gastrojejunal ulcer with hemorrhage	Diagnosis	ICD-9-CM
534.00	Acute gastrojejunal ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
534.01	Acute gastrojejunal ulcer, with hemorrhage and obstruction	Diagnosis	ICD-9-CM
534.2	Acute gastrojejunal ulcer with hemorrhage and perforation	Diagnosis	ICD-9-CM
534.20	Acute gastrojejunal ulcer with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
534.21	Acute gastrojejunal ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
534.4	Chronic or unspecified gastrojejunal ulcer with hemorrhage	Diagnosis	ICD-9-CM
534.40	Chronic or unspecified gastrojejunal ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
534.41	Chronic or unspecified gastrojejunal ulcer, with hemorrhage and obstruction	Diagnosis	ICD-9-CM
534.6	Chronic or unspecified gastrojejunal ulcer with hemorrhage and perforation	Diagnosis	ICD-9-CM
534.60	Chronic or unspecified gastrojejunal ulcer with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
534.61	Chronic or unspecified gastrojejunal ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
535.01	Acute gastritis with hemorrhage	Diagnosis	ICD-9-CM
535.11	Atrophic gastritis with hemorrhage	Diagnosis	ICD-9-CM
535.21	Gastric mucosal hypertrophy with hemorrhage	Diagnosis	ICD-9-CM
535.31	Alcoholic gastritis with hemorrhage	Diagnosis	ICD-9-CM
535.41	Other specified gastritis with hemorrhage	Diagnosis	ICD-9-CM
535.51	Unspecified gastritis and gastroduodenitis with hemorrhage	Diagnosis	ICD-9-CM
535.61	Duodenitis with hemorrhage	Diagnosis	ICD-9-CM
537.83	Angiodysplasia of stomach and duodenum with hemorrhage	Diagnosis	ICD-9-CM
562.02	Diverticulosis of small intestine with hemorrhage	Diagnosis	ICD-9-CM
562.03	Diverticulitis of small intestine with hemorrhage	Diagnosis	ICD-9-CM
562.12	Diverticulosis of colon with hemorrhage	Diagnosis	ICD-9-CM
562.13	Diverticulitis of colon with hemorrhage	Diagnosis	ICD-9-CM
568.81	Hemoperitoneum (nontraumatic)	Diagnosis	ICD-9-CM
569.3	Hemorrhage of rectum and anus	Diagnosis	ICD-9-CM

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Code	Description	Code Category	Code Type
569.85	Angiodysplasia of intestine with hemorrhage	Diagnosis	ICD-9-CM
578.0	Hematemesis	Diagnosis	ICD-9-CM
578.1	Blood in stool	Diagnosis	ICD-9-CM
578.9	Hemorrhage of gastrointestinal tract, unspecified	Diagnosis	ICD-9-CM
593.81	Vascular disorders of kidney	Diagnosis	ICD-9-CM
599.7	Hematuria	Diagnosis	ICD-9-CM
623.8	Other specified noninflammatory disorder of vagina	Diagnosis	ICD-9-CM
626.2	Excessive or frequent menstruation	Diagnosis	ICD-9-CM
626.6	Metrorrhagia	Diagnosis	ICD-9-CM
719.1	Hemarthrosis	Diagnosis	ICD-9-CM
719.10	Hemarthrosis, site unspecified	Diagnosis	ICD-9-CM
719.11	Hemarthrosis, shoulder region	Diagnosis	ICD-9-CM
719.12	Hemarthrosis, upper arm	Diagnosis	ICD-9-CM
719.13	Hemarthrosis, forearm	Diagnosis	ICD-9-CM
719.14	Hemarthrosis, hand	Diagnosis	ICD-9-CM
719.15	Hemarthrosis, pelvic region and thigh	Diagnosis	ICD-9-CM
719.16	Hemarthrosis, lower leg	Diagnosis	ICD-9-CM
719.17	Hemarthrosis, ankle and foot	Diagnosis	ICD-9-CM
719.18	Hemarthrosis, other specified site	Diagnosis	ICD-9-CM
719.19	Hemarthrosis, multiple sites	Diagnosis	ICD-9-CM
784.7	Epistaxis	Diagnosis	ICD-9-CM
784.8	Hemorrhage from throat	Diagnosis	ICD-9-CM
786.3	Hemoptysis	Diagnosis	ICD-9-CM
131.2	Hemopericardium, not elsewhere classified	Diagnosis	ICD-10-CM
185.01	Esophageal varices with bleeding	Diagnosis	ICD-10-CM
185.11	Secondary esophageal varices with bleeding	Diagnosis	ICD-10-CM
K22.6	Gastro-esophageal laceration-hemorrhage syndrome	Diagnosis	ICD-10-CM
K22.8	Other specified diseases of esophagus	Diagnosis	ICD-10-CM
K25.0	Acute gastric ulcer with hemorrhage	Diagnosis	ICD-10-CM
K25.2	Acute gastric ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K25.4	Chronic or unspecified gastric ulcer with hemorrhage	Diagnosis	ICD-10-CM
K25.6	Chronic or unspecified gastric ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K26.0	Acute duodenal ulcer with hemorrhage	Diagnosis	ICD-10-CM
K26.2	Acute duodenal ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K26.4	Chronic or unspecified duodenal ulcer with hemorrhage	Diagnosis	ICD-10-CM
K26.6	Chronic or unspecified duodenal ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K27.0	Acute peptic ulcer, site unspecified, with hemorrhage	Diagnosis	ICD-10-CM
K27.2		Diagnosis	ICD-10-CM
K27.4	Chronic or unspecified peptic ulcer, site unspecified, with hemorrhage	Diagnosis	ICD-10-CM
K27.6	Chronic or unspecified peptic ulcer, site unspecified, with both hemorrhage and	Diagnosis	ICD-10-CM
	perforation		
K28.0	Acute gastrojejunal ulcer with hemorrhage	Diagnosis	ICD-10-CM
K28.2			ICD-10-CM
K28.4		Diagnosis	ICD-10-CM
K28.6	Chronic or unspecified gastrojejunal ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K26.2 K26.4 K26.6 K27.0 K27.2 K27.4 K27.6	Acute duodenal ulcer with both hemorrhage and perforation Chronic or unspecified duodenal ulcer with hemorrhage Chronic or unspecified duodenal ulcer with both hemorrhage and perforation Acute peptic ulcer, site unspecified, with hemorrhage Acute peptic ulcer, site unspecified, with both hemorrhage and perforation Chronic or unspecified peptic ulcer, site unspecified, with hemorrhage Chronic or unspecified peptic ulcer, site unspecified, with both hemorrhage and perforation	Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description		ry Code Type
K29.01	Acute gastritis with bleeding	Diagnosis	ICD-10-CM
K29.21	Alcoholic gastritis with bleeding	Diagnosis	ICD-10-CM
K29.31	Chronic superficial gastritis with bleeding	Diagnosis	ICD-10-CM
K29.41	Chronic atrophic gastritis with bleeding	Diagnosis	ICD-10-CM
K29.51	Unspecified chronic gastritis with bleeding	Diagnosis	ICD-10-CM
K29.61	Other gastritis with bleeding	Diagnosis	ICD-10-CM
K29.71	Gastritis, unspecified, with bleeding	Diagnosis	ICD-10-CM
K29.81	Duodenitis with bleeding	Diagnosis	ICD-10-CM
K29.91	Gastroduodenitis, unspecified, with bleeding	Diagnosis	ICD-10-CM
K31.811	Angiodysplasia of stomach and duodenum with bleeding	Diagnosis	ICD-10-CM
K55.21	Angiodysplasia of colon with hemorrhage	Diagnosis	ICD-10-CM
K56.699	Other intestinal obstruction unspecified as to partial versus complete obstruction	Diagnosis	ICD-10-CM
K57.01	Diverticulitis of small intestine with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.11	Diverticulosis of small intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.13	Diverticulitis of small intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.21	Diverticulitis of large intestine with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.31	Diverticulosis of large intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.33	Diverticulitis of large intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.41	Diverticulitis of both small and large intestine with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.51	Diverticulosis of both small and large intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.53	Diverticulitis of both small and large intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.81	Diverticulitis of intestine, part unspecified, with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.91	Diverticulosis of intestine, part unspecified, without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.93	Diverticulitis of intestine, part unspecified, without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K62.5	Hemorrhage of anus and rectum	Diagnosis	ICD-10-CM
K64.0	First degree hemorrhoids	Diagnosis	ICD-10-CM
K64.1	Second degree hemorrhoids	Diagnosis	ICD-10-CM
K64.2	Third degree hemorrhoids	Diagnosis	ICD-10-CM
K64.3	Fourth degree hemorrhoids	Diagnosis	ICD-10-CM
K64.4	Residual hemorrhoidal skin tags	Diagnosis	ICD-10-CM
K64.8	Other hemorrhoids	Diagnosis	ICD-10-CM
K66.1	Hemoperitoneum	Diagnosis	ICD-10-CM
K92.0	Hematemesis	Diagnosis	ICD-10-CM
K92.1	Melena	Diagnosis	ICD-10-CM
K92.2	Gastrointestinal hemorrhage, unspecified	Diagnosis	ICD-10-CM
M25.00	Hemarthrosis, unspecified joint	Diagnosis	ICD-10-CM
M25.011	Hemarthrosis, right shoulder	Diagnosis	ICD-10-CM
M25.012	Hemarthrosis, left shoulder	Diagnosis	ICD-10-CM
M25.019	Hemarthrosis, unspecified shoulder	Diagnosis	ICD-10-CM

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Code	Description	Code Catego	ry Code Type
M25.021	Hemarthrosis, right elbow	Diagnosis	ICD-10-CM
M25.022	Hemarthrosis, left elbow	Diagnosis	ICD-10-CM
И25.029	Hemarthrosis, unspecified elbow	Diagnosis	ICD-10-CM
И25.031	Hemarthrosis, right wrist	Diagnosis	ICD-10-CM
M25.032	Hemarthrosis, left wrist	Diagnosis	ICD-10-CM
И25.039	Hemarthrosis, unspecified wrist	Diagnosis	ICD-10-CM
M25.041	Hemarthrosis, right hand	Diagnosis	ICD-10-CM
Л25.042	Hemarthrosis, left hand	Diagnosis	ICD-10-CM
Л 25.049	Hemarthrosis, unspecified hand	Diagnosis	ICD-10-CM
И25.051	Hemarthrosis, right hip	Diagnosis	ICD-10-CM
Л25.052	Hemarthrosis, left hip	Diagnosis	ICD-10-CM
/125.059	Hemarthrosis, unspecified hip	Diagnosis	ICD-10-CM
M25.061	Hemarthrosis, right knee	Diagnosis	ICD-10-CM
M25.062	Hemarthrosis, left knee	Diagnosis	ICD-10-CM
И25.069	Hemarthrosis, unspecified knee	Diagnosis	ICD-10-CM
M25.071	Hemarthrosis, right ankle	Diagnosis	ICD-10-CM
M25.072	Hemarthrosis, left ankle	Diagnosis	ICD-10-CM
И25.073	Hemarthrosis, unspecified ankle	Diagnosis	ICD-10-CM
Л25.074	Hemarthrosis, right foot	Diagnosis	ICD-10-CM
/125.075	Hemarthrosis, left foot	Diagnosis	ICD-10-CM
/125.076	Hemarthrosis, unspecified foot	Diagnosis	ICD-10-CM
Л25.08	Hemarthrosis, other specified site	Diagnosis	ICD-10-CM
128.0	Ischemia and infarction of kidney	Diagnosis	ICD-10-CM
189.8	Other specified noninflammatory disorders of vagina	Diagnosis	ICD-10-CM
192.0	Excessive and frequent menstruation with regular cycle	Diagnosis	ICD-10-CM
192.1	Excessive and frequent menstruation with irregular cycle	Diagnosis	ICD-10-CM
R04.0	Epistaxis	Diagnosis	ICD-10-CM
R04.1	Hemorrhage from throat	Diagnosis	ICD-10-CM
R58	Hemorrhage, not elsewhere classified	Diagnosis	ICD-10-CM
31.60	Chronic or unspecified gastric ulcer with hemorrhage and perforation	Diagnosis	ICD-10-CM
	Major Extracranial Bleeding - List 2		
80.0	Iron deficiency anemia secondary to blood loss (chronic)	Diagnosis	ICD-9-CM
85.1	Acute posthemorrhagic anemia	Diagnosis	ICD-9-CM
85.9	Unspecified anemia	Diagnosis	ICD-9-CM
55.0	Internal hemorrhoids without mention of complication	Diagnosis	ICD-9-CM
55.1	Internal thrombosed hemorrhoids	Diagnosis	ICD-9-CM
55.2	Internal hemorrhoids with other complication	Diagnosis	ICD-9-CM
55.3	External hemorrhoids without mention of complication	Diagnosis	ICD-9-CM
55.4	External thrombosed hemorrhoids	Diagnosis	ICD-9-CM
55.5	External hemorrhoids with other complication	Diagnosis	ICD-9-CM
55.6	Unspecified hemorrhoids without mention of complication	Diagnosis	ICD-9-CM
155.7	Unspecified thrombosed hemorrhoids	Diagnosis	ICD-9-CM
55.8	Unspecified hemorrhoids with other complication	Diagnosis	ICD-9-CM
55.9	Residual hemorrhoidal skin tags	Diagnosis	ICD-9-CM
	Esophagitis	Diagnosis	ICD-9-CM

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Code	Description	Code Catego	ry Code Type
31.1	Acute gastric ulcer with perforation	Diagnosis	ICD-9-CM
31.3	Acute gastric ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
31.5	Chronic or unspecified gastric ulcer with perforation	Diagnosis	ICD-9-CM
31.7	Chronic gastric ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
31.9	Gastric ulcer, unspecified as acute or chronic, without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
32.1	Acute duodenal ulcer with perforation	Diagnosis	ICD-9-CM
32.3	Acute duodenal ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
32.5	Chronic or unspecified duodenal ulcer with perforation	Diagnosis	ICD-9-CM
32.7	Chronic duodenal ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
32.9	Duodenal ulcer, unspecified as acute or chronic, without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
33.1	Acute peptic ulcer, unspecified site, with perforation	Diagnosis	ICD-9-CM
33.3	Acute peptic ulcer, unspecified site, without mention of hemorrhage and perforation	Diagnosis	ICD-9-CM
33.5	Chronic or unspecified peptic ulcer, unspecified site, with perforation	Diagnosis	ICD-9-CM
33.7	Chronic peptic ulcer, unspecified site, without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
33.9	Peptic ulcer, unspecified site, unspecified as acute or chronic, without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
34.1	Acute gastrojejunal ulcer with perforation	Diagnosis	ICD-9-CM
34.3	Acute gastrojejunal ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
34.5	Chronic or unspecified gastrojejunal ulcer with perforation	Diagnosis	ICD-9-CM
34.7	Chronic gastrojejunal ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
34.9	Gastrojejunal ulcer, unspecified as acute or chronic, without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
35.00	Acute gastritis without mention of hemorrhage	Diagnosis	ICD-9-CM
35.10	Atrophic gastritis without mention of hemorrhage	Diagnosis	ICD-9-CM
35.20	Gastric mucosal hypertrophy without mention of hemorrhage	Diagnosis	ICD-9-CM
35.30	Alcoholic gastritis without mention of hemorrhage	Diagnosis	ICD-9-CM
35.40	Other specified gastritis without mention of hemorrhage	Diagnosis	ICD-9-CM
35.50	Unspecified gastritis and gastroduodenitis without mention of hemorrhage	Diagnosis	ICD-9-CM
35.60	Duodenitis without mention of hemorrhage	Diagnosis	ICD-9-CM
52.00	Diverticulosis of small intestine (without mention of hemorrhage)	Diagnosis	ICD-9-CM
52.01	Diverticulitis of small intestine (without mention of hemorrhage)	Diagnosis	ICD-9-CM
52.10	Diverticulosis of colon (without mention of hemorrhage)	Diagnosis	ICD-9-CM
52.11	Diverticulitis of colon (without mention of hemorrhage)	Diagnosis	ICD-9-CM
0.92	Abnormal coagulation profile	Diagnosis	ICD-9-CM
50.0	Iron deficiency anemia secondary to blood loss (chronic)	Diagnosis	ICD-10-CM
52	Acute posthemorrhagic anemia	Diagnosis	ICD-10-CM
64.9	Anemia, unspecified	Diagnosis	ICD-10-CM
29.00	Acute gastritis without bleeding	Diagnosis	ICD-10-CM
29.20	Alcoholic gastritis without bleeding	Diagnosis	ICD-10-CM
29.30	Chronic superficial gastritis without bleeding	Diagnosis	ICD-10-CM
29.40	Chronic atrophic gastritis without bleeding	Diagnosis	ICD-10-CM

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Code	Description	Code Category	/ Code Type
K29.50	Unspecified chronic gastritis without bleeding	Diagnosis	ICD-10-CM
K29.60	Other gastritis without bleeding	Diagnosis	ICD-10-CM
K29.70	Gastritis, unspecified, without bleeding	Diagnosis	ICD-10-CM
K29.80	Duodenitis without bleeding	Diagnosis	ICD-10-CM
K29.90	Gastroduodenitis, unspecified, without bleeding	Diagnosis	ICD-10-CM
K57.00	Diverticulitis of small intestine with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
K57.10	Diverticulosis of small intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.12	Diverticulitis of small intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.20	Diverticulitis of large intestine with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
K57.30	Diverticulosis of large intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.32	Diverticulitis of large intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.40	Diverticulitis of both small and large intestine with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
K57.50	Diverticulosis of both small and large intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.52	Diverticulitis of both small and large intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.80	Diverticulitis of intestine, part unspecified, with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
K57.90	Diverticulosis of intestine, part unspecified, without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.92	Diverticulitis of intestine, part unspecified, without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K64.0	First degree hemorrhoids	Diagnosis	ICD-10-CM
K64.1	Second degree hemorrhoids	Diagnosis	ICD-10-CM
K64.2	Third degree hemorrhoids	Diagnosis	ICD-10-CM
K64.3	Fourth degree hemorrhoids	Diagnosis	ICD-10-CM
K64.4	Residual hemorrhoidal skin tags	Diagnosis	ICD-10-CM
K64.5	Perianal venous thrombosis	Diagnosis	ICD-10-CM
K64.8	Other hemorrhoids	Diagnosis	ICD-10-CM
K64.9	Unspecified hemorrhoids	Diagnosis	ICD-10-CM
R79.1	Abnormal coagulation profile	Diagnosis	ICD-10-CM
	Major Extracranial Bleeding - List 3		
62000	Elevation of depressed skull fracture; simple, extradural	Procedure	CPT-4
62005	Elevation of depressed skull fracture; compound or comminuted, extradural	Procedure	CPT-4
62010	Elevation of depressed skull fracture; with repair of dura and/or debridement of brain	Procedure	CPT-4
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

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Code	Description	Code Catego	ry Code Type
800.03	Closed fracture of vault of skull without mention of intracranial injury, moderate	Diagnosis	ICD-9-CM
	(1-24 hours) loss of consciousness		
800.04	Closed fracture of vault of skull without mention of intracranial injury, prolonged	Diagnosis	ICD-9-CM
	(more than 24 hours) loss of consciousness and return to pre-existing conscious		
	level		
800.05	Closed fracture of vault of skull without mention of intracranial injury, prolonged	Diagnosis	ICD-9-CM
	(more than 24 hours) loss of consciousness, without return to pre-existing		
	conscious level		
800.06	Closed fracture of vault of skull without mention of intracranial injury, loss of	Diagnosis	ICD-9-CM
	consciousness of unspecified duration		
800.09	Closed fracture of vault of skull without mention of intracranial injury,	Diagnosis	ICD-9-CM
	unspecified concussion		
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,	Diagnosis	ICD-9-CM
	unspecified state of consciousness		
800.11	Closed fracture of vault of skull with cerebral laceration and contusion, no loss of	Diagnosis	ICD-9-CM
	consciousness		
800.12	Closed fracture of vault of skull with cerebral laceration and contusion, brief (less	Diagnosis	ICD-9-CM
	than one hour) loss of consciousness		
800.13	Closed fracture of vault of skull with cerebral laceration and contusion, moderate	Diagnosis	ICD-9-CM
	(1-24 hours) loss of consciousness		
800.14	Closed fracture of vault of skull with cerebral laceration and contusion, prolonged	Diagnosis	ICD-9-CM
	(more than 24 hours) loss of consciousness and return to pre-existing conscious		
	level		
800.15	Closed fracture of vault of skull with cerebral laceration and contusion, prolonged	Diagnosis	ICD-9-CM
	(more than 24 hours) loss of consciousness, without return to pre-existing		
	conscious level		
800.16	Closed fracture of vault of skull with cerebral laceration and contusion, loss of	Diagnosis	ICD-9-CM
	consciousness of unspecified duration		
800.19	Closed fracture of vault of skull with cerebral laceration and contusion,	Diagnosis	ICD-9-CM
	unspecified concussion		100.0.014
800.2	Closed fracture of vault of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
000 00	hemorrhage	5	160.0.614
800.20	Closed fracture of vault of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
000 24	hemorrhage, unspecified state of consciousness	Diagram	100 0 014
800.21	Closed fracture of vault of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
900.22	hemorrhage, no loss of consciousness	Diagnasia	ICD O CNA
800.22	Closed fracture of vault of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
900 22	hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD 0 CM
800.23	Closed fracture of vault of skull with subarachnoid, subdural, and extradural	DIARLIOSIS	ICD-9-CM
900 2 <i>4</i>	hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD O CNA
800.24	Closed fracture of vault of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to		
	pre-existing conscious level		

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Code	Description	Code Catego	ry Code Type
800.25	Closed fracture of vault of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, prolonged (more than 24 hours) loss of consciousness, without		
	return to pre-existing conscious level		
800.26	Closed fracture of vault of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, loss of consciousness of unspecified duration		
800.29	Closed fracture of vault of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, unspecified concussion		
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	Diagnosis	ICD-9-CM
	hemorrhage, moderate (1-24 hours) loss of consciousness	_	
800.34	Closed fracture of vault of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
	hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to		
	pre-existing conscious level		
800.35	Closed fracture of vault of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
	hemorrhage, prolonged (more than 24 hours) loss of consciousness, without		
	return to pre-existing conscious level		
800.36	Closed fracture of vault of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
	hemorrhage, loss of consciousness of unspecified duration		
800.39	Closed fracture of vault of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
000.4	hemorrhage, unspecified concussion	Diamonia	100.0.014
800.4	Closed fracture of vault of skull with intercranial injury of other and unspecified	Diagnosis	ICD-9-CM
800.40	nature Closed fracture of yoult of claul with intrograpial injury of other and unspecified	Diagnosis	ICD 0 CM
600.40	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	Diagnosis	ICD-9-CM
000.41	nature, no loss of consciousness	Diagnosis	ICD 5 CIVI
800.42	Closed fracture of vault of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, brief (less than one hour) loss of consciousness	2108.100.0	.02 0 0
800.43	Closed fracture of vault of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, moderate (1-24 hours) loss of consciousness	. 0	
800.44	Closed fracture of vault of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, prolonged (more than 24 hours) loss of consciousness and return to pre-	J	
	existing conscious level		
800.45	Closed fracture of vault of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, prolonged (more than 24 hours) loss of consciousness, without return to		
	pre-existing conscious level		
800.46	Closed fracture of vault of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, loss of consciousness of unspecified duration		

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Code	Description	Code Catego	ory Code Type
800.49	Closed fracture of vault of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, unspecified concussion		
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	Diagnosis	ICD-9-CM
	state of consciousness		
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	Diagnosis	ICD-9-CM
	than one hour) loss of consciousness		
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	Diagnosis	ICD-9-CM
	(more than 24 hours) loss of consciousness and return to pre-existing conscious level		
800.55	Open fracture of vault of skull without mention of intracranial injury, prolonged	Diagnosis	ICD-9-CM
	(more than 24 hours) loss of consciousness, without return to pre-existing conscious level	Ū	
800.56	Open fracture of vault of skull without mention of intracranial injury, loss of	Diagnosis	ICD-9-CM
	consciousness of unspecified duration		
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	Diagnosis	ICD-9-CM
800.64	(1-24 hours) loss of consciousness	Diagnosis	ICD-9-CM
000.04	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	Diagnosis	ICD-3-CIVI
	level		
800.65	Open fracture of vault of skull with cerebral laceration and contusion, prolonged	Diagnosis	ICD-9-CM
	(more than 24 hours) loss of consciousness, without return to pre-existing conscious level		
800.66	Open fracture of vault of skull with cerebral laceration and contusion, loss of	Diagnosis	ICD-9-CM
800.69	consciousness of unspecified duration Open fracture of vault of skull with cerebral laceration and contusion, unspecified	Diagnosis	ICD-9-CM
	concussion		
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	Diagnosis	ICD-9-CM

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Description	Code Category	/ Code Type
Open fracture of vault of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
hemorrhage, no loss of consciousness		
Open fracture of vault of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
hemorrhage, brief (less than one hour) loss of consciousness		
Open fracture of vault of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
hemorrhage, moderate (1-24 hours) loss of consciousness		
Open fracture of vault of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to		
pre-existing conscious level		
Open fracture of vault of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
hemorrhage, prolonged (more than 24 hours) loss of consciousness, without		
return to pre-existing conscious level		
Open fracture of vault of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
hemorrhage, loss of consciousness of unspecified duration		
Open fracture of vault of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
hemorrhage, unspecified concussion		
Open fracture of vault of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
Open fracture of vault of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
hemorrhage, unspecified state of consciousness		
Open fracture of vault of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
hemorrhage, no loss of consciousness		
Open fracture of vault of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
hemorrhage, brief (less than one hour) loss of consciousness		
Open fracture of vault of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
hemorrhage, moderate (1-24 hours) loss of consciousness		
	Diagnosis	ICD-9-CM
pre-existing conscious level		
Open fracture of vault of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
·		
	Diagnosis	ICD-9-CM
-		
	Diagnosis	ICD-9-CM
- ·		
Open fracture of vault of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
nature		
•	Diagnosis	ICD-9-CM
·		
	Diagnosis	ICD-9-CM
·	Diagnosis	ICD-9-CM
,		
	Diagnosis	ICD-9-CM
nature, moderate (1-24 hours) loss of consciousness		
	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, brief (less than one hour) loss of consciousness Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness 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 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 Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified concussion Open fracture of vault of skull with other and unspecified intracranial Open fracture of vault of skull with other and unspecified intracranial hemorrhage, unspecified state of consciousness Open fracture of vault of skull with other and unspecified intracranial hemorrhage, no loss of consciousness Open fracture of vault of skull with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness Open fracture of vault of skull with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness 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 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 Open fracture of vault of skull with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified	Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, no loss of consciousness Open fracture of vault of skull with subarachnoid, subdural, and extradural Diagnosis hemorrhage, brief (less than one hour) loss of consciousness Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, moderate (1-24 hours) loss of consciousness 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 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 Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, loss of consciousness of unspecified duration Open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage, unspecified sconsciousness of unspecified duration Open fracture of vault of skull with other and unspecified intracranial Diagnosis hemorrhage, unspecified sconsciousness Open fracture of vault of skull with other and unspecified intracranial Diagnosis hemorrhage, unspecified state of consciousness Open fracture of vault of skull with other and unspecified intracranial hemorrhage, no loss of consciousness Open fracture of vault of skull with other and unspecified intracranial hemorrhage, brief (less than one hour) loss of consciousness Open fracture of vault of skull with other and unspecified intracranial hemorrhage, moderate (1-24 hours) loss of consciousness 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 Open fracture of vault of skull with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness of consciousness of consciousness of consciousness of consciousness of

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Code	Description	Code Category	Code Type
800.94	Open fracture of vault of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, prolonged (more than 24 hours) loss of consciousness and return to pre-		
	existing conscious level		
800.95	Open fracture of vault of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, prolonged (more than 24 hours) loss of consciousness, without return to		
	pre-existing conscious level		
800.96	Open fracture of vault of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, loss of consciousness of unspecified duration		
800.99	Open fracture of vault of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, unspecified concussion		
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	Diagnosis	ICD-9-CM
204.04	state of consciousness	<u>.</u>	100.0.014
801.01	Closed fracture of base of skull without mention of intracranial injury, no loss of	Diagnosis	ICD-9-CM
004.00	consciousness	.	100.0.014
801.02	Closed fracture of base of skull without mention of intracranial injury, brief (less	Diagnosis	ICD-9-CM
901.02	than one hour) loss of consciousness	Diagnosis	ICD 0 CM
801.03	Closed fracture of base of skull without mention of intracranial injury, moderate	Diagnosis	ICD-9-CM
801.04	(1-24 hours) loss of consciousness Closed fracture of base of skull without mention of intracranial injury, prolonged	Diagnosis	ICD-9-CM
001.04	(more than 24 hours) loss of consciousness and return to pre-existing conscious	Diagnosis	ICD-3-CIVI
	level		
801.05	Closed fracture of base of skull without mention of intracranial injury, prolonged	Diagnosis	ICD-9-CM
002.00	(more than 24 hours) loss of consciousness, without return to pre-existing	2.0800.0	
	conscious level		
801.06	Closed fracture of base of skull without mention of intracranial injury, loss of	Diagnosis	ICD-9-CM
	consciousness of unspecified duration	-	
801.09	Closed fracture of base of skull without mention of intracranial injury, unspecified	Diagnosis	ICD-9-CM
	concussion		
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,	Diagnosis	ICD-9-CM
	unspecified state of consciousness		
801.11	Closed fracture of base of skull with cerebral laceration and contusion, no loss of	Diagnosis	ICD-9-CM
	consciousness		
801.12	Closed fracture of base of skull with cerebral laceration and contusion, brief (less	Diagnosis	ICD-9-CM
	than one hour) loss of consciousness		
801.13	Closed fracture of base of skull with cerebral laceration and contusion, moderate	Diagnosis	ICD-9-CM
	(1-24 hours) loss of consciousness		
801.14	Closed fracture of base of skull with cerebral laceration and contusion, prolonged	Diagnosis	ICD-9-CM
	(more than 24 hours) loss of consciousness and return to pre-existing conscious		
004.6-	level	<u>.</u>	100.0.014
801.15	Closed fracture of base of skull with cerebral laceration and contusion, prolonged	Diagnosis	ICD-9-CM
	(more than 24 hours) loss of consciousness, without return to pre-existing		
	conscious level		

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Code	Description	Code Catego	ory Code Type
801.16	Closed fracture of base of skull with cerebral laceration and contusion, loss of	Diagnosis	ICD-9-CM
	consciousness of unspecified duration		
801.19	Closed fracture of base of skull with cerebral laceration and contusion,	Diagnosis	ICD-9-CM
	unspecified concussion		
801.2	Closed fracture of base of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage		
801.20	Closed fracture of base of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, unspecified state of consciousness		
801.21	Closed fracture of base of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, no loss of consciousness		
801.22	Closed fracture of base of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, brief (less than one hour) loss of consciousness		
801.23	Closed fracture of base of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, moderate (1-24 hours) loss of consciousness		
801.24	Closed fracture of base of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to		
	pre-existing conscious level		
801.25	Closed fracture of base of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, prolonged (more than 24 hours) loss of consciousness, without		
	return to pre-existing conscious level		
801.26	Closed fracture of base of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
004.30	hemorrhage, loss of consciousness of unspecified duration	Diam.	100.0.014
801.29	Closed fracture of base of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
001.2	hemorrhage, unspecified concussion	Diagnasia	ICD O CN4
801.3	Closed fracture of base of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
901 20	hemorrhage Closed fracture of base of skull with other and unspecified intracranial	Diagnosis	ICD O CM
801.30	Closed fracture of base of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
801.31	hemorrhage, unspecified state of consciousness Closed fracture of base of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
001.31	hemorrhage, no loss of consciousness	DIARIIO212	ICD-3-CIVI
801.32	Closed fracture of base of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
JU1.JZ	hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD-J-CIVI
801.33	Closed fracture of base of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
001.33	hemorrhage, moderate (1-24 hours) loss of consciousness	Diagnosis	ICD-J-CIVI
801.34	Closed fracture of base of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
501.54	hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to	Piagilosis	ICD J CIVI
	pre-existing conscious level		
801.35	Closed fracture of base of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
301.33	hemorrhage, prolonged (more than 24 hours) loss of consciousness, without	2105110313	.CD 3 CIVI
	return to pre-existing conscious level		
801.36	Closed fracture of base of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
302.30	hemorrhage, loss of consciousness of unspecified duration		
801.39	Closed fracture of base of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
	hemorrhage, unspecified concussion		

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Code	Description	Code Catego	ry Code Type
801.4	Closed fracture of base of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature		
801.40	Closed fracture of base of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, unspecified state of consciousness		
801.41	Closed fracture of base of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, no loss of consciousness		
801.42	Closed fracture of base of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, brief (less than one hour) loss of consciousness		
801.43	Closed fracture of base of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, moderate (1-24 hours) loss of consciousness		
801.44	Closed fracture of base of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, prolonged (more than 24 hours) loss of consciousness and return to pre-		
	existing conscious level		
801.45	Closed fracture of base of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, prolonged (more than 24 hours) loss of consciousness, without return to		
	pre-existing conscious level		
801.46	Closed fracture of base of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, loss of consciousness of unspecified duration		
801.49	Closed fracture of base of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, unspecified concussion		
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	Diagnosis	ICD-9-CM
004.54	state of consciousness	5	100.0.014
801.51	Open fracture of base of skull without mention of intracranial injury, no loss of	Diagnosis	ICD-9-CM
001 52	consciousness	Diagnasis	ICD 0 CM
801.52	Open fracture of base of skull without mention of intracranial injury, brief (less	Diagnosis	ICD-9-CM
801.53	than one hour) loss of consciousness Open fracture of base of skull without mention of intracranial injury, moderate (1)	Diagnosis	ICD-9-CM
001.55	24 hours) loss of consciousness	- Diagnosis	ICD-9-CIVI
801.54	Open fracture of base of skull without mention of intracranial injury, prolonged	Diagnosis	ICD-9-CM
001.54	(more than 24 hours) loss of consciousness and return to pre-existing conscious	Diagnosis	ICD-3-CIVI
	level		
801.55	Open fracture of base of skull without mention of intracranial injury, prolonged	Diagnosis	ICD-9-CM
001.00	(more than 24 hours) loss of consciousness, without return to pre-existing	2146110313	102 3 0111
	conscious level		
801.56	Open fracture of base of skull without mention of intracranial injury, loss of	Diagnosis	ICD-9-CM
002.00	consciousness of unspecified duration	2.0800.0	.02 5 6
801.59	Open fracture of base of skull without mention of intracranial injury, unspecified	Diagnosis	ICD-9-CM
	concussion	g	
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	_	ICD-9-CM
	state of consciousness	Č	
801.61	Open fracture of base of skull with cerebral laceration and contusion, no loss of	Diagnosis	ICD-9-CM
	consciousness		

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Code	Description	Code Catego	ry Code Type
801.62	Open fracture of base of skull with cerebral laceration and contusion, brief (less	Diagnosis	ICD-9-CM
	than one hour) loss of consciousness		
801.63	Open fracture of base of skull with cerebral laceration and contusion, moderate	Diagnosis	ICD-9-CM
	(1-24 hours) loss of consciousness		
801.64	Open fracture of base of skull with cerebral laceration and contusion, prolonged	Diagnosis	ICD-9-CM
	(more than 24 hours) loss of consciousness and return to pre-existing conscious level		
801.65	Open fracture of base of skull with cerebral laceration and contusion, prolonged	Diagnosis	ICD-9-CM
002.00	(more than 24 hours) loss of consciousness, without return to pre-existing	2.0800.0	
	conscious level		
801.66	Open fracture of base of skull with cerebral laceration and contusion, loss of	Diagnosis	ICD-9-CM
	consciousness of unspecified duration	J	
801.69	Open fracture of base of skull with cerebral laceration and contusion, unspecified	Diagnosis	ICD-9-CM
	concussion		
801.7	Open fracture of base of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage		
801.70	Open fracture of base of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, unspecified state of consciousness		
801.71	Open fracture of base of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, no loss of consciousness		
801.72	Open fracture of base of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, brief (less than one hour) loss of consciousness		
801.73	Open fracture of base of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, moderate (1-24 hours) loss of consciousness		
801.74	Open fracture of base of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to		
	pre-existing conscious level		
801.75	Open fracture of base of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, prolonged (more than 24 hours) loss of consciousness, without		
004.76	return to pre-existing conscious level	Diai-	100.0.014
801.76	Open fracture of base of skull with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
901 70	hemorrhage, loss of consciousness of unspecified duration	Diagnosis	ICD 0 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	Diagnosis	ICD-9-CM
801.80	Open fracture of base of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
001.00	hemorrhage, unspecified state of consciousness	Diagnosis	ICD-J-CIVI
801.81	Open fracture of base of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
551.51	hemorrhage, no loss of consciousness	2102110313	ICD 5 CIVI
801.82	Open fracture of base of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
	hemorrhage, brief (less than one hour) loss of consciousness	J 0110010	.02 0 0
	Open fracture of base of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
801.83	Open fracture of base of skull with other and unspecified intracramal	Diagnosis	ICD-9-CIVI

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Code	Description	Code Categor	ry Code Type
801.84	Open fracture of base of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
	hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to	_	
	pre-existing conscious level		
801.85	Open fracture of base of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
	hemorrhage, prolonged (more than 24 hours) loss of consciousness, without		
	return to pre-existing conscious level		
801.86	Open fracture of base of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
	hemorrhage, loss of consciousness of unspecified duration		
801.89	Open fracture of base of skull with other and unspecified intracranial	Diagnosis	ICD-9-CM
	hemorrhage, unspecified concussion		
801.9	Open fracture of base of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature		
801.90	Open fracture of base of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, unspecified state of consciousness		
801.91	Open fracture of base of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, no loss of consciousness		
801.92	Open fracture of base of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, brief (less than one hour) loss of consciousness		
801.93	Open fracture of base of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
004.04	nature, moderate (1-24 hours) loss of consciousness	D: .	100.0.014
801.94	Open fracture of base of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, prolonged (more than 24 hours) loss of consciousness and return to pre-		
801.95	existing conscious level Open fracture of base of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
601.55	nature, prolonged (more than 24 hours) loss of consciousness, without return to	Diagnosis	ICD-3-CIVI
	pre-existing conscious level		
801.96	Open fracture of base of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
001.50	nature, loss of consciousness of unspecified duration	Diagnosis	TOD 5 CIVI
801.99	Open fracture of base of skull with intracranial injury of other and unspecified	Diagnosis	ICD-9-CM
	nature, unspecified concussion	g	
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

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Code	Description	Code Catego	ry Code Type
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	Diagnosis	ICD-9-CM
	state of consciousness		
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
303.10	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

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Code	Description	Code Categor	y Code Type
803.14	Other closed skull fracture with cerebral laceration and contusion, prolonged	Diagnosis	ICD-9-CM
	(more than 24 hours) loss of consciousness and return to pre-existing conscious	_	
	level		
803.15	Other closed skull fracture with cerebral laceration and contusion, prolonged	Diagnosis	ICD-9-CM
	(more than 24 hours) loss of consciousness, without return to pre-existing		
	conscious level		
803.16	Other closed skull fracture with cerebral laceration and contusion, loss of	Diagnosis	ICD-9-CM
	consciousness of unspecified duration		
803.19	Other closed skull fracture with cerebral laceration and contusion, unspecified	Diagnosis	ICD-9-CM
	concussion		
803.2	Other closed skull fracture with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
002.20	hemorrhage	Diamonia	100.0.014
803.20	Other closed skull fracture with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
803.21	hemorrhage, unspecified state of consciousness Other closed skull fracture with subarachnoid, subdural, and extradural	Diagnosis	ICD 0 CM
003.21	hemorrhage, no loss of consciousness	Diagnosis	ICD-9-CM
803.22	Other closed skull fracture with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
003.22	hemorrhage, brief (less than one hour) loss of consciousness	Diagnosis	ICD 5 CIVI
803.23	Other closed skull fracture with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, moderate (1-24 hours) loss of consciousness	.0	
803.24	Other closed skull fracture with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, prolonged (more than 24 hours) loss of consciousness and return to	_	
	pre-existing conscious level		
803.25	Other closed skull fracture with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, prolonged (more than 24 hours) loss of consciousness, without		
	return to pre-existing conscious level		
803.26	Other closed skull fracture with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
	hemorrhage, loss of consciousness of unspecified duration		
803.29	Other closed skull fracture with subarachnoid, subdural, and extradural	Diagnosis	ICD-9-CM
002.2	hemorrhage, unspecified concussion	Diamonia	100.0.014
803.3 803.30	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,	Diagnosis	ICD-9-CM
803.31	no loss of consciousness	Diagnosis	ICD-9-CIVI
803.32	Other closed skull fracture with other and unspecified intracranial hemorrhage,	Diagnosis	ICD-9-CM
000.02	brief (less than one hour) loss of consciousness	2146110313	102 3 0111
803.33	Other closed skull fracture with other and unspecified intracranial hemorrhage,	Diagnosis	ICD-9-CM
	moderate (1-24 hours) loss of consciousness	.0	
803.34	Other closed skull fracture with other and unspecified intracranial hemorrhage,	Diagnosis	ICD-9-CM
	prolonged (more than 24 hours) loss of consciousness and return to pre-existing		
	conscious level		
803.35	Other closed skull fracture with other and unspecified intracranial hemorrhage,	Diagnosis	ICD-9-CM
	prolonged (more than 24 hours) loss of consciousness, without return to pre-		
	existing conscious level		
803.35	Other closed skull fracture with other and unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of consciousness, without return to pre-	Diagnosis	ICD-9-CM

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Code	Description	Code Categor	y Code Type
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	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
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

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Code	Description	Code Categor	ry Code Type
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	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
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

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Code	Description	Code Catego	ory Code Type
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
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

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Code	Description	Code Category	Code Type
804.05	Closed fractures involving skull of face with other bones, without mention of	Diagnosis	ICD-9-CM
	intracranial injury, prolonged (more than 24 hours) loss of consciousness, without	_	
	return to pre-existing conscious level		
804.06	Closed fractures involving skull of face with other bones, without mention of	Diagnosis	ICD-9-CM
	intracranial injury, loss of consciousness of unspecified duration		
804.09	Closed fractures involving skull of face with other bones, without mention of	Diagnosis	ICD-9-CM
	intracranial injury, unspecified concussion		
804.1	Closed fractures involving skull or face with other bones, with cerebral laceration	Diagnosis	ICD-9-CM
	and contusion		
804.10	Closed fractures involving skull or face with other bones, with cerebral laceration	Diagnosis	ICD-9-CM
	and contusion, unspecified state of consciousness		
804.11	Closed fractures involving skull or face with other bones, with cerebral laceration	Diagnosis	ICD-9-CM
	and contusion, no loss of consciousness		
804.12	Closed fractures involving skull or face with other bones, with cerebral laceration	Diagnosis	ICD-9-CM
	and contusion, brief (less than one hour) loss of consciousness		
804.13	Closed fractures involving skull or face with other bones, with cerebral laceration	Diagnosis	ICD-9-CM
	and contusion, moderate (1-24 hours) loss of consciousness		
804.14	Closed fractures involving skull or face with other bones, with cerebral laceration	Diagnosis	ICD-9-CM
	and contusion, prolonged (more than 24 hours) loss of consciousness and return		
	to pre-existing conscious level		
804.15	Closed fractures involving skull or face with other bones, with cerebral laceration	Diagnosis	ICD-9-CM
	and contusion, prolonged (more than 24 hours) loss of consciousness, without		
00446	return to pre-existing conscious level	5.	100.0.014
804.16	Closed fractures involving skull or face with other bones, with cerebral laceration	Diagnosis	ICD-9-CM
004.10	and contusion, loss of consciousness of unspecified duration	Diamonia	ICD O CM
804.19	Closed fractures involving skull or face with other bones, with cerebral laceration	Diagnosis	ICD-9-CM
804.2	and contusion, unspecified concussion	Diagnosis	ICD O CM
004.2	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,	Diagnosis	ICD-9-CM
804.20	subdural, and extradural hemorrhage, unspecified state of consciousness	Diagnosis	ICD-3-CIVI
804.21	Closed fractures involving skull or face with other bones with subarachnoid,	Diagnosis	ICD-9-CM
004.21	subdural, and extradural hemorrhage, no loss of consciousness	Diagnosis	ICD 5 CIVI
804.22	Closed fractures involving skull or face with other bones with subarachnoid,	Diagnosis	ICD-9-CM
00 1122	subdural, and extradural hemorrhage, brief (less than one hour) loss of	2146116313	105 3 0.11
	consciousness		
804.23	Closed fractures involving skull or face with other bones with subarachnoid,	Diagnosis	ICD-9-CM
	subdural, and extradural hemorrhage, moderate (1-24 hours) loss of	- 10011011	
	consciousness		
804.24	Closed fractures involving skull or face with other bones with subarachnoid,	Diagnosis	ICD-9-CM
	subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of		
	consciousness and return to pre-existing conscious level		
804.25	Closed fractures involving skull or face with other bones with subarachnoid,	Diagnosis	ICD-9-CM
	subdural, and extradural hemorrhage, prolonged (more than 24 hours) loss of		
	consciousness, without return to pre-existing conscious level		

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Code	Description	Code Catego	ry Code Type
804.26	Closed fractures involving skull or face with other bones with subarachnoid,	Diagnosis	ICD-9-CM
	subdural, and extradural hemorrhage, loss of consciousness of unspecified		
	duration		
804.29	Closed fractures involving skull or face with other bones with subarachnoid,	Diagnosis	ICD-9-CM
	subdural, and extradural hemorrhage, unspecified concussion		
804.3	Closed fractures involving skull or face with other bones, with other and	Diagnosis	ICD-9-CM
	unspecified intracranial hemorrhage		
804.30	Closed fractures involving skull or face with other bones, with other and	Diagnosis	ICD-9-CM
	unspecified intracranial hemorrhage, unspecified state of consciousness		
804.31	Closed fractures involving skull or face with other bones, with other and	Diagnosis	ICD-9-CM
	unspecified intracranial hemorrhage, no loss of consciousness		
804.32	Closed fractures involving skull or face with other bones, with other and	Diagnosis	ICD-9-CM
	unspecified intracranial hemorrhage, brief (less than one hour) loss of		
	consciousness		
804.33	Closed fractures involving skull or face with other bones, with other and	Diagnosis	ICD-9-CM
00404	unspecified intracranial hemorrhage, moderate (1-24 hours) loss of	5	100.0.014
804.34	Closed fractures involving skull or face with other bones, with other and	Diagnosis	ICD-9-CM
	unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of		
004.25	consciousness and return to preexisting conscious level	Diai-	ICD O CM
804.35	Closed fractures involving skull or face with other bones, with other and	Diagnosis	ICD-9-CM
	unspecified intracranial hemorrhage, prolonged (more than 24 hours) loss of		
804.36	consciousness, without return to pre-existing conscious level	Diagnosis	ICD 0 CM
504.50	Closed fractures involving skull or face with other bones, with other and unspecified intracranial hemorrhage, loss of consciousness of unspecified	Diagnosis	ICD-9-CM
	duration		
804.39	Closed fractures involving skull or face with other bones, with other and	Diagnosis	ICD-9-CM
504.55	unspecified intracranial hemorrhage, unspecified concussion	Diagnosis	ICD 5 CIVI
804.4	Closed fractures involving skull or face with other bones, with intracranial injury	Diagnosis	ICD-9-CM
001.1	of other and unspecified nature	Diagnosis	ieb 5 civi
804.40	Closed fractures involving skull or face with other bones, with intracranial injury	Diagnosis	ICD-9-CM
	of other and unspecified nature, unspecified state of consciousness		
804.41	Closed fractures involving skull or face with other bones, with intracranial injury	Diagnosis	ICD-9-CM
	of other and unspecified nature, no loss of consciousness	J	
804.42	Closed fractures involving skull or face with other bones, with intracranial injury	Diagnosis	ICD-9-CM
	of other and unspecified nature, brief (less than one hour) loss of consciousness	_	
804.43	Closed fractures involving skull or face with other bones, with intracranial injury	Diagnosis	ICD-9-CM
	of other and unspecified nature, moderate (1-24 hours) loss of consciousness		
804.44	Closed fractures involving skull or face with other bones, with intracranial injury	Diagnosis	ICD-9-CM
	of other and unspecified nature, prolonged (more than 24 hours) loss of		
	consciousness and return to pre-existing conscious level		
804.45	Closed fractures involving skull or face with other bones, with intracranial injury	Diagnosis	ICD-9-CM
	of other and unspecified nature, prolonged (more than 24 hours) loss of		
	consciousness, without return to pre-existing conscious level		
804.46	Closed fractures involving skull or face with other bones, with intracranial injury	Diagnosis	ICD-9-CM
	of other and unspecified nature, loss of consciousness of unspecified duration		

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Description	Code Categor	y Code Type
Closed fractures involving skull or face with other bones, with intracranial injury	Diagnosis	ICD-9-CM
of other and unspecified nature, unspecified concussion		
Open fractures involving skull or face with other bones, without mention of	Diagnosis	ICD-9-CM
	Diagnosis	ICD-9-CM
	Diagnosis	ICD-9-CM
	Diagnosis	ICD-9-CM
		100.0.014
· · · · · · · · · · · · · · · · · · ·	Diagnosis	ICD-9-CM
	5	100.0.014
	Diagnosis	ICD-9-CM
·	Diagnasis	ICD 0 CM
•	_	ICD-9-CM
	Diagnosis	ICD-9-CM
· · · · · · · · · · · · · · · · · · ·	Diagnosis	ICD-9-CIVI
	Diagnosis	ICD-9-CM
•	Diagnosis	ICD 5 CIVI
	Diagnosis	ICD-9-CM
	- 100.10010	
	Diagnosis	ICD-9-CM
and contusion, unspecified state of consciousness		
Open fractures involving skull or face with other bones, with cerebral laceration	Diagnosis	ICD-9-CM
and contusion, no loss of consciousness		
Open fractures involving skull or face with other bones, with cerebral laceration	Diagnosis	ICD-9-CM
and contusion, brief (less than one hour) loss of consciousness		
Open fractures involving skull or face with other bones, with cerebral laceration	Diagnosis	ICD-9-CM
and contusion, moderate (1-24 hours) loss of consciousness		
Open fractures involving skull or face with other bones, with cerebral laceration	Diagnosis	ICD-9-CM
and contusion, prolonged (more than 24 hours) loss of consciousness and return		
to pre-existing conscious level		
Open fractures involving skull or face with other bones, with cerebral laceration	Diagnosis	ICD-9-CM
and contusion, prolonged (more than 24 hours) loss of consciousness, without		
return to pre-existing conscious level		
•	Diagnosis	ICD-9-CM
·		
· · · · · · · · · · · · · · · · · · ·	Diagnosis	ICD-9-CM
·	5.	100.0.014
•	Diagnosis	ICD-9-CM
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	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, unspecified concussion Open fractures involving skull or face with other bones, without mention of intracranial injury Open fractures involving skull or face with other bones, without mention of intracranial injury, unspecified state of consciousness Open fractures involving skull or face with other bones, without mention of intracranial injury, no loss of consciousness Open fractures involving skull or face with other bones, without mention of intracranial injury, brief (less than one hour) loss of consciousness Open fractures involving skull or face with other bones, without mention of intracranial injury, moderate (1-24 hours) loss of consciousness 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 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 Open fractures involving skull or face with other bones, without mention of intracranial injury, loss of consciousness of unspecified duration Open fractures involving skull or face with other bones, without mention of intracranial injury, unspecified concussion Open fractures involving skull or face with other bones, with cerebral laceration and contusion, unspecified state of consciousness Open fractures involving skull or face with other bones, with cerebral laceration and contusion, no loss of consciousness Open fractures involving skull or face with other bones, with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness 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	Closed fractures involving skull or face with other bones, with intracranial injury of other and unspecified nature, unspecified concussion Open fractures involving skull or face with other bones, without mention of intracranial injury, unspecified state of consciousness Open fractures involving skull or face with other bones, without mention of intracranial injury, unspecified state of consciousness Open fractures involving skull or face with other bones, without mention of intracranial injury, no loss of consciousness Open fractures involving skull or face with other bones, without mention of intracranial injury, prief (less than one hour) loss of consciousness Open fractures involving skull or face with other bones, without mention of intracranial injury, moderate (1-24 hours) loss of consciousness 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 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 Open fractures involving skull or face with other bones, without mention of intracranial injury, loss of consciousness of unspecified duration Open fractures involving skull or face with other bones, without mention of intracranial injury, unspecified concussion Open fractures involving skull or face with other bones, with cerebral laceration and contusion, unspecified state of consciousness Open fractures involving skull or face with other bones, with cerebral laceration and contusion, polerate (1-24 hours) loss of consciousness Open fractures involving skull or face with other bones, with cerebral laceration and contusion, prolenged (more than 24 hours) loss of consciousness Open fractures involving skull or face with other bones, with cerebral laceration and contusion, prolonged (more than 24 hours) loss of consciousness and re

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Code	Description	Code Catego	ry Code Type
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	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

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Code	Description	Code Categor	
804.90	Open fractures involving skull or face with other bones, with intracranial injury of	Diagnosis	ICD-9-CM
	other and unspecified nature, unspecified state of consciousness		
804.91	Open fractures involving skull or face with other bones, with intracranial injury of	Diagnosis	ICD-9-CM
	other and unspecified nature, no loss of consciousness		
804.92	Open fractures involving skull or face with other bones, with intracranial injury of	Diagnosis	ICD-9-CM
	other and unspecified nature, brief (less than one hour) loss of consciousness		
804.93	Open fractures involving skull or face with other bones, with intracranial injury of	Diagnosis	ICD-9-CM
	other and unspecified nature, moderate (1-24 hours) loss of consciousness		
804.94	Open fractures involving skull or face with other bones, with intracranial injury of	Diagnosis	ICD-9-CM
	other and unspecified nature, prolonged (more than 24 hours) loss of		
	consciousness and return to pre-existing conscious level		
804.95	Open fractures involving skull or face with other bones, with intracranial injury of	Diagnosis	ICD-9-CM
	other and unspecified nature, prolonged (more than 24 hours) loss of		
	consciousness, without return to pre-existing level		
804.96	Open fractures involving skull or face with other bones, with intracranial injury of	Diagnosis	ICD-9-CM
	other and unspecified nature, loss of consciousness of unspecified duration		
804.99	Open fractures involving skull or face with other bones, with intracranial injury of	Diagnosis	ICD-9-CM
	other and unspecified nature, unspecified concussion		
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	Diagnosis	ICD-9-CM
	injury	J	
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	Diagnosis	ICD-9-CM
	cord injury		
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		ICD-9-CM
805.2	Closed fracture of dorsal (thoracic) vertebra without mention of spinal cord injury	-	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

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Category	y Code Type
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	Diagnosis	ICD-9-CM
	cord injury		
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
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

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Catego	ry 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
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

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Code	Description	Code Catego	ry Code Type
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
8.808	Unspecified closed fracture of pelvis	Diagnosis	ICD-9-CM
808.9	Unspecified open fracture of pelvis	Diagnosis	ICD-9-CM
809	III-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

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Code	Description		ry Code Type
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
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

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Code	Description	Code Catego	ry Code Type
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
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

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Code	Description		ry Code Type
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
818	III-defined fractures of upper limb	Diagnosis	ICD-9-CM
818.0	III-defined closed fractures of upper limb	Diagnosis	ICD-9-CM
818.1	III-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
821.20	Closed fracture of unspecified part of lower end of femur	Diagnosis	ICD-9-CM

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Code	Description	Code Category	y Code Type
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
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

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Code	Description	Code Catego	ry Code Type
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
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	Diagnosis	ICD-9-CM
	limb(s) with rib(s) and sternum		
828.0	Multiple closed fractures involving both lower limbs, lower with upper limb, and	Diagnosis	ICD-9-CM
	lower limb(s) with rib(s) and sternum		
828.1	Multiple fractures involving both lower limbs, lower with upper limb, and lower	Diagnosis	ICD-9-CM
	limb(s) with rib(s) and sternum, open		
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
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
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
862.8	Injury to multiple and unspecified intrathoracic organs without mention of open	Diagnosis	ICD-9-CM
	wound into cavity		
862.9	Injury to multiple and unspecified intrathoracic organs with open wound into	Diagnosis	ICD-9-CM
	cavity		
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	Diagnosis	ICD-9-CM
	cavity		
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

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Catego	ory Code Type
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
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	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
864.1	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

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Code	Description	Code Catego	ory Code Type
864.19	Other liver injury with 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	Diagnosis	ICD-9-CM
	wound into cavity		
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	Diagnosis	ICD-9-CM
	cavity		
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	Diagnosis	ICD-9-CM
	cavity		
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
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	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
873.0	Open wound of scalp, without mention of complication	Diagnosis	ICD-9-CM
873.1	Open wound of scalp, complicated	Diagnosis	ICD-9-CM
875.0	Open wound of chest (wall), without mention of complication	Diagnosis	ICD-9-CM
875.1	Open wound of chest (wall), complicated	Diagnosis	ICD-9-CM
902.4	Renal blood vessel injury	Diagnosis	ICD-9-CM
902.40	Renal vessel(s) injury, unspecified	Diagnosis	ICD-9-CM
902.41	Renal artery injury	Diagnosis	ICD-9-CM
902.42	Renal vein injury	Diagnosis	ICD-9-CM
902.49	Renal blood vessel injury, other	Diagnosis	ICD-9-CM
902.55	Uterine artery injury	Diagnosis	ICD-9-CM
902.56	Uterine vein injury	Diagnosis	ICD-9-CM
902.81	Ovarian artery injury	Diagnosis	ICD-9-CM

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Code	Description	Code Catego	y Code Type
902.82	Ovarian vein injury	Diagnosis	ICD-9-CM
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
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
958.4	Traumatic shock	Diagnosis	ICD-9-CM

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Categor	ry Code Type
958.5	Traumatic anuria	Diagnosis	ICD-9-CM
58.7	Traumatic subcutaneous emphysema	Diagnosis	ICD-9-CM
96.7	Other complications of internal prosthetic device, implant, and graft	Diagnosis	ICD-9-CM
96.70	Other complications due to unspecified device, implant, and graft	Diagnosis	ICD-9-CM
96.71	Other complications due to heart valve prosthesis	Diagnosis	ICD-9-CM
96.72	Other complications due to other cardiac device, implant, and graft	Diagnosis	ICD-9-CM
96.73	Other complications due to renal dialysis device, implant, and graft	Diagnosis	ICD-9-CM
96.74	Other complications due to other vascular device, implant, and graft	Diagnosis	ICD-9-CM
96.75	Other complications due to nervous system device, implant, and graft	Diagnosis	ICD-9-CM
96.76	Other complications due to genitourinary device, implant, and graft	Diagnosis	ICD-9-CM
96.77	Other complications due to internal joint prosthesis	Diagnosis	ICD-9-CM
96.78	Other complications due to other internal orthopedic device, implant, and graft	Diagnosis	ICD-9-CM
96.79	Other complications due to other internal prosthetic device, implant, and graft	Diagnosis	ICD-9-CM
98.11	Hemorrhage complicating a procedure	Diagnosis	ICD-9-CM
98.12	Hematoma complicating a procedure	Diagnosis	ICD-9-CM
98.2	Accidental puncture or laceration during procedure	Diagnosis	ICD-9-CM
805	Hit by rolling stock	Diagnosis	ICD-9-CM
805.0	Railway employee hit by rolling stock	Diagnosis	ICD-9-CM
805.1	Passenger on railway hit by rolling stock	Diagnosis	ICD-9-CM
805.2	Pedestrian hit by rolling stock	Diagnosis	ICD-9-CM
805.3	Pedal cyclist hit by rolling stock	Diagnosis	ICD-9-CM
805.8	Other specified person hit by rolling stock	Diagnosis	ICD-9-CM
805.9	Unspecified person hit by rolling stock	Diagnosis	ICD-9-CM
870	Accidental cut, puncture, perforation, or hemorrhage during medical care	Diagnosis	ICD-9-CM
870.0	Accidental cut, puncture, perforation, or hemorrhage during surgical operation	Diagnosis	ICD-9-CM
870.1	Accidental cut, puncture, perforation, or hemorrhage during infusion or	Diagnosis	ICD-9-CM
	transfusion	J	
870.2	Accidental cut, puncture, perforation, or hemorrhage during kidney dialysis or other perfusion	Diagnosis	ICD-9-CM
870.3	Accidental cut, puncture, perforation, or hemorrhage during injection or vaccination	Diagnosis	ICD-9-CM
870.4	Accidental cut, puncture, perforation, or hemorrhage during endoscopic examination	Diagnosis	ICD-9-CM
870.5	Accidental cut, puncture, perforation, or hemorrhage during aspiration of fluid or tissue, puncture, and catheterization	Diagnosis	ICD-9-CM
870.6	Accidental cut, puncture, perforation, or hemorrhage during heart	Diagnosis	ICD-9-CM
870.7	Accidental cut, puncture, perforation, or hemorrhage during administration of enema	Diagnosis	ICD-9-CM
870.8	Accidental cut, puncture, perforation, or hemorrhage during other specified medical care	Diagnosis	ICD-9-CM
870.9	Accidental cut, puncture, perforation, or hemorrhage during unspecified medical care	Diagnosis	ICD-9-CM
881	Accidental fall on or from ladders or scaffolding	Diagnosis	ICD-9-CM
881.0	Accidental fall from ladder	Diagnosis	ICD-9-CM
881.1	Accidental fall from scaffolding	Diagnosis	ICD-9-CM

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Category Code Type	
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
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
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
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
E955	Suicide and self-inflicted injury by firearms, air guns and explosives	Diagnosis	ICD-9-CM
E955.0	Suicide and self-inflicted injury by handgun	Diagnosis	ICD-9-CM
E955.1	Suicide and self-inflicted injury by shotgun	Diagnosis	ICD-9-CM
E955.2	Suicide and self-inflicted injury by hunting rifle	Diagnosis	ICD-9-CM
E955.3	Suicide and self-inflicted injury by military firearms	Diagnosis	ICD-9-CM
E955.4	Suicide and self-inflicted injury by other and unspecified firearm	Diagnosis	ICD-9-CM
E955.5	Suicide and self-inflicted injury by explosives	Diagnosis	ICD-9-CM
E955.6	Suicide and self-inflicted injury by air gun	Diagnosis	ICD-9-CM
E955.7	Suicide and self-inflicted injury by paintball gun	Diagnosis	ICD-9-CM
E955.9	Suicide and self-inflicted injury by firearms and explosives, unspecified	Diagnosis	ICD-9-CM
E960	Fight, brawl, rape	Diagnosis	ICD-9-CM
E960.0	Unarmed fight or brawl	Diagnosis	ICD-9-CM
E960.1	Rape	Diagnosis	ICD-9-CM
E965	Assault by firearms and explosives	Diagnosis	ICD-9-CM
E965.0	Assault by handgun	Diagnosis	ICD-9-CM
E965.1	Assault by shotgun	Diagnosis	ICD-9-CM
E965.2	Assault by hunting rifle	Diagnosis	ICD-9-CM
E965.3	Assault by military firearms	Diagnosis	ICD-9-CM
E965.4	Assault by other and unspecified firearm	Diagnosis	ICD-9-CM
E965.5	Assault by antipersonnel bomb	Diagnosis	ICD-9-CM
E965.6	Assault by gasoline bomb	Diagnosis	ICD-9-CM
E965.7	Assault by letter bomb	Diagnosis	ICD-9-CM
E965.8	Assault by other specified explosive	Diagnosis	ICD-9-CM
E965.9	Assault by unspecified explosive	Diagnosis	ICD-9-CM

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Catego	ry Code Type
E970	Injury due to legal intervention by firearms	Diagnosis	ICD-9-CM
E985	Injury by firearms, air guns and explosives, undetermined whether accidentally or purposely inflicted	Diagnosis	ICD-9-CM
E985.0	Injury by handgun, undetermined whether accidentally or purposely inflicted	Diagnosis	ICD-9-CM
E985.1	Injury by shotgun, undetermined whether accidentally or purposely inflicted	Diagnosis	ICD-9-CM
E985.2	Injury by hunting rifle, undetermined whether accidentally or purposely inflicted	Diagnosis	ICD-9-CM
E985.3	Injury by military firearms, undetermined whether accidentally or purposely inflicted	Diagnosis	ICD-9-CM
E985.4	Injury by other and unspecified firearm, undetermined whether accidentally or purposely inflicted	Diagnosis	ICD-9-CM
E985.5	Injury by explosives, undetermined whether accidentally or purposely inflicted	Diagnosis	ICD-9-CM
E985.6	Injury by air gun, undetermined whether accidental, or purposefully inflicted	Diagnosis	ICD-9-CM
E985.7	Injury by paintball gun, undetermined whether accidentally or purposefully inflicted	Diagnosis	ICD-9-CM
D78.01	Intraoperative hemorrhage and hematoma of the spleen complicating a procedure on the spleen	Diagnosis	ICD-10-CM
D78.02	Intraoperative hemorrhage and hematoma of the spleen complicating other procedure	Diagnosis	ICD-10-CM
D78.11	Accidental puncture and laceration of the spleen during a procedure on the	Diagnosis	ICD-10-CM
D78.12	Accidental puncture and laceration of the spleen during other procedure	Diagnosis	ICD-10-CM
D78.21	Postprocedural hemorrhage of the spleen following a procedure on the spleen	Diagnosis	ICD-10-CM
D78.22	Postprocedural hemorrhage of the spleen following other procedure	Diagnosis	ICD-10-CM
D78.31	Postprocedural hematoma of the spleen following a procedure on the spleen	Diagnosis	ICD-10-CM
D78.32	Postprocedural hematoma of the spleen following other procedure	Diagnosis	ICD-10-CM
E36.01	Intraoperative hemorrhage and hematoma of an endocrine system organ or structure complicating an endocrine system procedure	Diagnosis	ICD-10-CM
E36.02	Intraoperative hemorrhage and hematoma of an endocrine system organ or structure complicating other procedure	Diagnosis	ICD-10-CM
E36.11	Accidental puncture and laceration of an endocrine system organ or structure during an endocrine system procedure	Diagnosis	ICD-10-CM
E36.12	Accidental puncture and laceration of an endocrine system organ or structure during other procedure	Diagnosis	ICD-10-CM
E89.810	Postprocedural hemorrhage of an endocrine system organ or structure following an endocrine system procedure	Diagnosis	ICD-10-CM
E89.811	Postprocedural hemorrhage of an endocrine system organ or structure following other procedure	Diagnosis	ICD-10-CM
E89.820	Postprocedural hematoma of an endocrine system organ or structure following an endocrine system procedure	Diagnosis	ICD-10-CM
E89.821	Postprocedural hematoma of an endocrine system organ or structure following other procedure	Diagnosis	ICD-10-CM
G97.31	Intraoperative hemorrhage and hematoma of a nervous system organ or structure complicating a nervous system procedure	Diagnosis	ICD-10-CM
G97.32	Intraoperative hemorrhage and hematoma of a nervous system organ or structure complicating other procedure	Diagnosis	ICD-10-CM

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	Description	Code Catego	ry Code Type
G97.48	Accidental puncture and laceration of other nervous system organ or structure	Diagnosis	ICD-10-CM
	during a nervous system procedure		
G97.49	Accidental puncture and laceration of other nervous system organ or structure	Diagnosis	ICD-10-CM
	during other procedure		
G97.51	Postprocedural hemorrhage of a nervous system organ or structure following a	Diagnosis	ICD-10-CM
	nervous system procedure		
G97.52	Postprocedural hemorrhage of a nervous system organ or structure following	Diagnosis	ICD-10-CM
	other procedure		
G97.61	Postprocedural hematoma of a nervous system organ or structure following a	Diagnosis	ICD-10-CM
	nervous system procedure		
G97.62	Postprocedural hematoma of a nervous system organ or structure following	Diagnosis	ICD-10-CM
	other procedure		
H59.111	Intraoperative hemorrhage and hematoma of right eye and adnexa complicating	Diagnosis	ICD-10-CM
	an ophthalmic procedure		
H59.112	Intraoperative hemorrhage and hematoma of left eye and adnexa complicating	Diagnosis	ICD-10-CM
	an ophthalmic procedure		
H59.113	Intraoperative hemorrhage and hematoma of eye and adnexa complicating an	Diagnosis	ICD-10-CM
	ophthalmic procedure, bilateral		
H59.119	Intraoperative hemorrhage and hematoma of unspecified eye and adnexa	Diagnosis	ICD-10-CM
	complicating an ophthalmic procedure		
H59.121	Intraoperative hemorrhage and hematoma of right eye and adnexa complicating	Diagnosis	ICD-10-CM
	other procedure		
H59.122	Intraoperative hemorrhage and hematoma of left eye and adnexa complicating	Diagnosis	ICD-10-CM
	other procedure		
H59.123	Intraoperative hemorrhage and hematoma of eye and adnexa complicating other	Diagnosis	ICD-10-CM
	procedure, bilateral		
H59.129	Intraoperative hemorrhage and hematoma of unspecified eye and adnexa	Diagnosis	ICD-10-CM
	complicating other procedure		
H59.211	Accidental puncture and laceration of right eye and adnexa during an ophthalmic	Diagnosis	ICD-10-CM
	procedure		
H59.212	Accidental puncture and laceration of left eye and adnexa during an ophthalmic	Diagnosis	ICD-10-CM
	procedure	5	100 40 014
H59.213	Accidental puncture and laceration of eye and adnexa during an ophthalmic	Diagnosis	ICD-10-CM
UEO 210	procedure, bilateral	Diagnosis	ICD 10 CM
H59.219	Accidental puncture and laceration of unspecified eye and adnexa during an	Diagnosis	ICD-10-CM
H59.221	ophthalmic procedure Accidental puncture and laceration of right eye and adnexa during other	Diagnosis	ICD-10-CM
1133.221	procedure	Diagnosis	ICD-10-CIVI
H59.222	Accidental puncture and laceration of left eye and adnexa during other	Diagnosis	ICD-10-CM
H59.223	Accidental puncture and laceration of eye and adnexa during other procedure,	Diagnosis	ICD-10-CM
55.225	bilateral	-100110313	.05 10 0111
H59.229	Accidental puncture and laceration of unspecified eye and adnexa during other	Diagnosis	ICD-10-CM
	procedure		.02 20 0
	Postprocedural hemorrhage of right eye and adnexa following an ophthalmic	Diagnosis	ICD-10-CM
H59.311	i ostprocedural nemorriage of right eye and daneka following an ophthaline		

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Code	Description	Code Catego	ry Code Type
H59.312	Postprocedural hemorrhage of left eye and adnexa following an ophthalmic	Diagnosis	ICD-10-CM
	procedure		
H59.313	Postprocedural hemorrhage of eye and adnexa following an ophthalmic	Diagnosis	ICD-10-CM
	procedure, bilateral		
H59.319	Postprocedural hemorrhage of unspecified eye and adnexa following an	Diagnosis	ICD-10-CM
	ophthalmic procedure		
H59.321	Postprocedural hemorrhage of right eye and adnexa following other procedure	Diagnosis	ICD-10-CM
H59.322	Postprocedural hemorrhage of left eye and adnexa following other procedure	Diagnosis	ICD-10-CM
H59.323	Postprocedural hemorrhage of eye and adnexa following other procedure, bilateral	Diagnosis	ICD-10-CM
H59.329	Postprocedural hemorrhage of unspecified eye and adnexa following other procedure	Diagnosis	ICD-10-CM
H59.331	Postprocedural hematoma of right eye and adnexa following an ophthalmic procedure	Diagnosis	ICD-10-CM
H59.332	Postprocedural hematoma of left eye and adnexa following an ophthalmic procedure	Diagnosis	ICD-10-CM
H59.333	Postprocedural hematoma of eye and adnexa following an ophthalmic procedure, bilateral	Diagnosis	ICD-10-CM
H59.339	Postprocedural hematoma of unspecified eye and adnexa following an ophthalmic procedure	Diagnosis	ICD-10-CM
H59.341	Postprocedural hematoma of right eye and adnexa following other procedure	Diagnosis	ICD-10-CM
H59.342	Postprocedural hematoma of left eye and adnexa following other procedure	Diagnosis	ICD-10-CM
H59.343	Postprocedural hematoma of eye and adnexa following other procedure,	Diagnosis	ICD-10-CM
H59.349	Postprocedural hematoma of unspecified eye and adnexa following other procedure	Diagnosis	ICD-10-CM
H95.21	Intraoperative hemorrhage and hematoma of ear and mastoid process complicating a procedure on the ear and mastoid process	Diagnosis	ICD-10-CM
H95.22	Intraoperative hemorrhage and hematoma of ear and mastoid process complicating other procedure	Diagnosis	ICD-10-CM
H95.31	Accidental puncture and laceration of the ear and mastoid process during a procedure on the ear and mastoid process	Diagnosis	ICD-10-CM
H95.32	Accidental puncture and laceration of the ear and mastoid process during other procedure	Diagnosis	ICD-10-CM
H95.41	Postprocedural hemorrhage of ear and mastoid process following a procedure on the ear and mastoid process	Diagnosis	ICD-10-CM
H95.42	Postprocedural hemorrhage of ear and mastoid process following other procedure	Diagnosis	ICD-10-CM
H95.51	Postprocedural hematoma of ear and mastoid process following a procedure on the ear and mastoid process	Diagnosis	ICD-10-CM
H95.52	Postprocedural hematoma of ear and mastoid process following other procedure	Diagnosis	ICD-10-CM
197.410	Intraoperative hemorrhage and hematoma of a circulatory system organ or structure complicating a cardiac catheterization	Diagnosis	ICD-10-CM
197.411	Intraoperative hemorrhage and hematoma of a circulatory system organ or structure complicating a cardiac bypass	Diagnosis	ICD-10-CM

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Code	Description	Code Catego	ory Code Type
197.418	Intraoperative hemorrhage and hematoma of a circulatory system organ or	Diagnosis	ICD-10-CM
	structure complicating other circulatory system procedure		
197.42	Intraoperative hemorrhage and hematoma of a circulatory system organ or	Diagnosis	ICD-10-CM
	structure complicating other procedure		
197.51	Accidental puncture and laceration of a circulatory system organ or structure	Diagnosis	ICD-10-CM
	during a circulatory system procedure		
197.52	Accidental puncture and laceration of a circulatory system organ or structure	Diagnosis	ICD-10-CM
	during other procedure		
197.610	Postprocedural hemorrhage of a circulatory system organ or structure following a	Diagnosis	ICD-10-CM
	cardiac catheterization		
197.611	Postprocedural hemorrhage of a circulatory system organ or structure following	Diagnosis	ICD-10-CM
107.640	cardiac bypass	Di :	100 40 614
197.618	Postprocedural hemorrhage of a circulatory system organ or structure following	Diagnosis	ICD-10-CM
107 620	other circulatory system procedure	Diagnosis	ICD 10 CM
197.620	Postprocedural hemorrhage of a circulatory system organ or structure following	Diagnosis	ICD-10-CM
197.621	other procedure Postprocedural hematoma of a circulatory system organ or structure following	Diagnosis	ICD-10-CM
137.021	other procedure	Diagnosis	ICD-TO-CIAI
197.630	Postprocedural hematoma of a circulatory system organ or structure following a	Diagnosis	ICD-10-CM
157.050	cardiac catheterization	Diagilosis	ICD-TO-CIAI
197.631	Postprocedural hematoma of a circulatory system organ or structure following	Diagnosis	ICD-10-CM
.57.051	cardiac bypass	2105110313	IOD TO CIVI
197.638	Postprocedural hematoma of a circulatory system organ or structure following	Diagnosis	ICD-10-CM
	other circulatory system procedure		
J95.61	Intraoperative hemorrhage and hematoma of a respiratory system organ or	Diagnosis	ICD-10-CM
	structure complicating a respiratory system procedure	-	
J95.62	Intraoperative hemorrhage and hematoma of a respiratory system organ or	Diagnosis	ICD-10-CM
	structure complicating other procedure	•	
J95.71	Accidental puncture and laceration of a respiratory system organ or structure	Diagnosis	ICD-10-CM
	during a respiratory system procedure		
J95.72	Accidental puncture and laceration of a respiratory system organ or structure	Diagnosis	ICD-10-CM
	during other procedure		
J95.830	Postprocedural hemorrhage of a respiratory system organ or structure following	Diagnosis	ICD-10-CM
	a respiratory system procedure		
J95.831	Postprocedural hemorrhage of a respiratory system organ or structure following	Diagnosis	ICD-10-CM
	other procedure		
J95.860	Postprocedural hematoma of a respiratory system organ or structure following a	Diagnosis	ICD-10-CM
	respiratory system procedure		
J95.861	Postprocedural hematoma of a respiratory system organ or structure following	Diagnosis	ICD-10-CM
V04.51	other procedure	5	100 40 014
K91.61	Intraoperative hemorrhage and hematoma of a digestive system organ or	Diagnosis	ICD-10-CM
V04 63	structure complicating a digestive system procedure	Di :	100 40 614
K91.62	Intraoperative hemorrhage and hematoma of a digestive system organ or	Diagnosis	ICD-10-CM
	structure complicating other procedure		

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Code	Description	Code Catego	ry Code Type
K91.71	Accidental puncture and laceration of a digestive system organ or structure	Diagnosis	ICD-10-CM
	during a digestive system procedure		
K91.72	Accidental puncture and laceration of a digestive system organ or structure	Diagnosis	ICD-10-CM
	during other procedure		
K91.840	Postprocedural hemorrhage of a digestive system organ or structure following a	Diagnosis	ICD-10-CM
	digestive system procedure		
K91.841	Postprocedural hemorrhage of a digestive system organ or structure following	Diagnosis	ICD-10-CM
K91.870	other procedure Postprocedural hematoma of a digestive system organ or structure following a	Diagnosis	ICD-10-CM
K91.07U	digestive system procedure	Diagnosis	ICD-10-CIVI
K91.871	Postprocedural hematoma of a digestive system organ or structure following	Diagnosis	ICD-10-CM
	other procedure	J	
L76.01	Intraoperative hemorrhage and hematoma of skin and subcutaneous tissue	Diagnosis	ICD-10-CM
	complicating a dermatologic procedure		
L76.02	Intraoperative hemorrhage and hematoma of skin and subcutaneous tissue	Diagnosis	ICD-10-CM
	complicating other procedure		
L76.11	Accidental puncture and laceration of skin and subcutaneous tissue during a	Diagnosis	ICD-10-CM
	dermatologic procedure		
L76.12	Accidental puncture and laceration of skin and subcutaneous tissue during other	Diagnosis	ICD-10-CM
	procedure		
L76.21	Postprocedural hemorrhage of skin and subcutaneous tissue following a	Diagnosis	ICD-10-CM
176.22	dermatologic procedure	5.	100 40 614
L76.22	Postprocedural hemorrhage of skin and subcutaneous tissue following other	Diagnosis	ICD-10-CM
L76.31	Procedure	Diagnosis	ICD 10 CM
L/0.31	Postprocedural hematoma of skin and subcutaneous tissue following a dermatologic procedure	Diagnosis	ICD-10-CM
L76.32	Postprocedural hematoma of skin and subcutaneous tissue following other	Diagnosis	ICD-10-CM
L7 0.32	procedure	Diagnosis	ICD TO CIVI
M96.810	Intraoperative hemorrhage and hematoma of a musculoskeletal structure	Diagnosis	ICD-10-CM
	complicating a musculoskeletal system procedure	2.0800.0	
M96.811	Intraoperative hemorrhage and hematoma of a musculoskeletal structure	Diagnosis	ICD-10-CM
	complicating other procedure	_	
M96.820	Accidental puncture and laceration of a musculoskeletal structure during a	Diagnosis	ICD-10-CM
	musculoskeletal system procedure		
M96.821	Accidental puncture and laceration of a musculoskeletal structure during other	Diagnosis	ICD-10-CM
	procedure		
M96.830	Postprocedural hemorrhage of a musculoskeletal structure following a	Diagnosis	ICD-10-CM
	musculoskeletal system procedure		
M96.831	Postprocedural hemorrhage of a musculoskeletal structure following other	Diagnosis	ICD-10-CM
	procedure		
M96.840	Postprocedural hematoma of a musculoskeletal structure following a	Diagnosis	ICD-10-CM
	musculoskeletal system procedure		
M96.841	Postprocedural hematoma of a musculoskeletal structure following other	Diagnosis	ICD-10-CM
	procedure		

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Categor	y Code Type
N99.61	Intraoperative hemorrhage and hematoma of a genitourinary system organ or	Diagnosis	ICD-10-CM
	structure complicating a genitourinary system procedure		
N99.62	Intraoperative hemorrhage and hematoma of a genitourinary system organ or	Diagnosis	ICD-10-CM
	structure complicating other procedure		
N99.71	Accidental puncture and laceration of a genitourinary system organ or structure	Diagnosis	ICD-10-CM
	during a genitourinary system procedure		
N99.72	Accidental puncture and laceration of a genitourinary system organ or structure	Diagnosis	ICD-10-CM
	during other procedure		
N99.820	Postprocedural hemorrhage of a genitourinary system organ or structure	Diagnosis	ICD-10-CM
	following a genitourinary system procedure		
N99.821	Postprocedural hemorrhage of a genitourinary system organ or structure	Diagnosis	ICD-10-CM
	following other procedure		
N99.840	Postprocedural hematoma of a genitourinary system organ or structure following	Diagnosis	ICD-10-CM
	a genitourinary system procedure		
N99.841	Postprocedural hematoma of a genitourinary system organ or structure following	Diagnosis	ICD-10-CM
	other procedure		
S01.00XA	Unspecified open wound of scalp, initial encounter	Diagnosis	ICD-10-CM
S01.01XA	Laceration without foreign body of scalp, initial encounter	Diagnosis	ICD-10-CM
S01.02XA	Laceration with foreign body of scalp, initial encounter	Diagnosis	ICD-10-CM
S01.03XA	Puncture wound without foreign body of scalp, initial encounter	Diagnosis	ICD-10-CM
S01.04XA	Puncture wound with foreign body of scalp, initial encounter	Diagnosis	ICD-10-CM
S01.05XA	Open bite of scalp, initial encounter	Diagnosis	ICD-10-CM
S02.0XXA	Fracture of vault of skull, initial encounter for closed fracture	Diagnosis	ICD-10-CM
SO2.0XXB	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	Diagnosis	ICD-10-CM
	fracture		
S02.110B	Type I occipital condyle fracture, unspecified side, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S02.111A	Type II occipital condyle fracture, unspecified side, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S02.111B	Type II occipital condyle fracture, unspecified side, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S02.112A	Type III occipital condyle fracture, unspecified side, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		100 40 00
S02.112B	Type III occipital condyle fracture, unspecified side, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		100 40 00
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

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Categor	y Code Type
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
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

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Code	Description	Code Category	Code Type
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
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

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Code	Description	Code Catego	ry Code Type
S02.630A	Fracture of coronoid process of mandible, unspecified side, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S02.630B	Fracture of coronoid process of mandible, unspecified side, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S02.631A	Fracture of coronoid process of right mandible, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S02.631B	Fracture of coronoid process of right mandible, initial encounter for open	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	Diagnosis	ICD-10-CM
	fracture		
S02.640B	Fracture of ramus of mandible, unspecified side, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
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	Diagnosis	ICD-10-CM
	fracture		
S02.650B	Fracture of angle of mandible, unspecified side, initial encounter for open	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	Diagnosis	ICD-10-CM
	fracture		
S02.670B	Fracture of alveolus of mandible, unspecified side, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
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	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S02.80XB	Fracture of other specified skull and facial bones, unspecified side, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S02.81XA	Fracture of other specified skull and facial bones, right side, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S02.81XB	Fracture of other specified skull and facial bones, right side, initial encounter for	Diagnosis	ICD-10-CM

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Code	Description	Code Categor	y Code Type
S02.82XA	Fracture of other specified skull and facial bones, left side, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S02.82XB	Fracture of other specified skull and facial bones, left side, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
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	Diagnosis	ICD-10-CM
	consciousness, initial encounter		
S06.331A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of	Diagnosis	ICD-10-CM
	30 minutes or less, initial encounter		
S06.332A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of	Diagnosis	ICD-10-CM
	31 minutes to 59 minutes, initial encounter		
S06.333A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of	Diagnosis	ICD-10-CM
	1 hour to 5 hours 59 minutes, initial encounter		
S06.334A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of	Diagnosis	ICD-10-CM
	6 hours to 24 hours, initial encounter		
S06.335A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness	Diagnosis	ICD-10-CM
	greater than 24 hours with return to pre-existing conscious level, initial		
S06.336A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness	Diagnosis	ICD-10-CM
	greater than 24 hours without return to pre-existing conscious level with patient		
	surviving, initial encounter		
S06.337A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of	Diagnosis	ICD-10-CM
	any duration with death due to brain injury prior to regaining consciousness,		
	initial encounter		
S06.338A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of	Diagnosis	ICD-10-CM
	any duration with death due to other cause prior to regaining consciousness,		
	initial encounter		
S06.339A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of	Diagnosis	ICD-10-CM
505 2504	unspecified duration, initial encounter	Dia ana a sia	100 10 014
S06.360A	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness,	Diagnosis	ICD-10-CM
505 254 4	initial encounter	Dia ana a sia	100 10 014
S06.361A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30	Diagnosis	ICD-10-CM
505 2524	minutes or less, initial encounter	Dia ana a sia	100 10 014
S06.362A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31	Diagnosis	ICD-10-CM
505 2524	minutes to 59 minutes, initial encounter	Dia ana a sia	100 10 014
S06.363A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1	Diagnosis	ICD-10-CM
506.3644	hours to 5 hours 59 minutes, initial encounter	Diagnasis	ICD 10 CM
S06.364A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6	Diagnosis	ICD-10-CM
SUE 36EV	hours to 24 hours, initial encounter	Diagnosis	ICD 10 CM
S06.365A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness	Diagnosis	ICD-10-CM
	greater than 24 hours with return to pre-existing conscious level, initial		

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Code	Description	Code Catego	ry Code Type
S06.366A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness	Diagnosis	ICD-10-CM
	greater than 24 hours without return to pre-existing conscious level with patient		
	surviving, initial encounter		
S06.367A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of	Diagnosis	ICD-10-CM
	any duration with death due to brain injury prior to regaining consciousness,		
	initial encounter		
S06.368A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of	Diagnosis	ICD-10-CM
	any duration with death due to other cause prior to regaining consciousness,		
	initial encounter		
S06.369A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of	Diagnosis	ICD-10-CM
505 41/04	unspecified duration, initial encounter	D: :	100 40 604
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,	Diagnosis	ICD-10-CM
300.4XZA	initial encounter	Diagnosis	ICD-10-CIVI
S06.4X3A	Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes,	Diagnosis	ICD-10-CM
300. 4 /3/4	initial encounter	Diagnosis	ICD 10 CIVI
S06.4X4A	Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial	Diagnosis	ICD-10-CM
	encounter	2108.100.0	.02 20 0
S06.4X5A	Epidural hemorrhage with loss of consciousness greater than 24 hours with	Diagnosis	ICD-10-CM
	return to pre-existing conscious level, initial encounter	J	
S06.4X6A	Epidural hemorrhage with loss of consciousness greater than 24 hours without	Diagnosis	ICD-10-CM
	return to pre-existing conscious level with patient surviving, initial encounter		
S06.4X7A	Epidural hemorrhage with loss of consciousness of any duration with death due	Diagnosis	ICD-10-CM
	to brain injury prior to regaining consciousness, initial encounter		
S06.4X8A	Epidural hemorrhage with loss of consciousness of any duration with death due	Diagnosis	ICD-10-CM
	to other causes prior to regaining consciousness, initial encounter		
S06.4X9A	Epidural hemorrhage with loss of consciousness of unspecified duration, initial	Diagnosis	ICD-10-CM
	encounter		
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,	Diagnosis	ICD-10-CM
COC EVAA	initial encounter	Diagnosis	ICD 10 CM
S06.5X2A	Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59	Diagnosis	ICD-10-CM
S06.5X3A	minutes, initial encounter Traumatic subdural hemorrhage with loss of consciousness of 1 hour to 5 hours	Diagnosis	ICD-10-CM
300.3X3A	59 minutes, initial encounter	Diagnosis	ICD-10-CIVI
S06.5X4A	Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24	Diagnosis	ICD-10-CM
300.3A4A	hours, initial encounter	2102110313	ICD TO CIVI
S06.5X5A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours	Diagnosis	ICD-10-CM
- "	with return to pre-existing conscious level, initial encounter	J	•
S06.5X6A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours	Diagnosis	ICD-10-CM
	without return to pre-existing conscious level with patient surviving, initial	-	
	encounter		

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Code	Description	Code Catego	ry Code Type
S06.5X7A	Traumatic subdural hemorrhage with loss of consciousness of any duration with	Diagnosis	ICD-10-CM
	death due to brain injury before regaining consciousness, initial encounter		
S06.5X8A	Traumatic subdural hemorrhage with loss of consciousness of any duration with	Diagnosis	ICD-10-CM
	death due to other cause before regaining consciousness, initial encounter		
S06.5X9A	Traumatic subdural hemorrhage with loss of consciousness of unspecified	Diagnosis	ICD-10-CM
	duration, initial encounter		
S06.6X0A	Traumatic subarachnoid hemorrhage without loss of consciousness, initial	Diagnosis	ICD-10-CM
	encounter		
S06.6X1A	Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or	Diagnosis	ICD-10-CM
	less, initial encounter		
S06.6X2A	Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to	Diagnosis	ICD-10-CM
	59 minutes, initial encounter		
S06.6X3A	Traumatic subarachnoid hemorrhage with loss of consciousness of 1 hour to 5	Diagnosis	ICD-10-CM
	hours 59 minutes, initial encounter		
S06.6X4A	Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24	Diagnosis	ICD-10-CM
	hours, initial encounter		
S06.6X5A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24	Diagnosis	ICD-10-CM
	hours with return to pre-existing conscious level, initial encounter		
S06.6X6A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24	Diagnosis	ICD-10-CM
	hours without return to pre-existing conscious level with patient surviving, initial		
	encounter		
S06.6X7A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration	Diagnosis	ICD-10-CM
	with death due to brain injury prior to regaining consciousness, initial encounter		
S06.6X8A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration	Diagnosis	ICD-10-CM
	with death due to other cause prior to regaining consciousness, initial encounter		
S06.6X9A	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified	Diagnosis	ICD-10-CM
	duration, initial encounter		
S06.890A	Other specified intracranial injury without loss of consciousness, initial encounter	=	ICD-10-CM
S06.891A	Other specified intracranial injury with loss of consciousness of 30 minutes or	Diagnosis	ICD-10-CM
	less, initial encounter		
S06.892A	Other specified intracranial injury with loss of consciousness of 31 minutes to 59	Diagnosis	ICD-10-CM
	minutes, initial encounter	<u>.</u> .	100 10 011
S06.893A	Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours	Diagnosis	ICD-10-CM
505 00 44	59 minutes, initial encounter	5	100 40 614
S06.894A	Other specified intracranial injury with loss of consciousness of 6 hours to 24	Diagnosis	ICD-10-CM
505 005 4	hours, initial encounter	5	100 40 614
S06.895A	Other specified intracranial injury with loss of consciousness greater than 24	Diagnosis	ICD-10-CM
505 0054	hours with return to pre-existing conscious level, initial encounter	D:	100 40 614
S06.896A	Other specified intracranial injury with loss of consciousness greater than 24	Diagnosis	ICD-10-CM
	hours without return to pre-existing conscious level with patient surviving, initial		
COC 0074	encounter	Dia === -:-	ICD 10 CM
S06.897A	Other specified intracranial injury with loss of consciousness of any duration with	וםgnosis	ICD-10-CM
COC 000 A	death due to brain injury prior to regaining consciousness, initial encounter	Diagrass!-	ICD 40 CM
S06.898A	Other specified intracranial injury with loss of consciousness of any duration with	וםgnosis	ICD-10-CM
	death due to other cause prior to regaining consciousness, initial encounter		

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Code	Description	Code Category	Code Type
S06.899A	Other specified intracranial injury with loss of consciousness of unspecified	Diagnosis	ICD-10-CM
	duration, initial encounter	_	
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,	Diagnosis	ICD-10-CM
	initial encounter		
S06.9X2A	Unspecified intracranial injury with loss of consciousness of 31 minutes to 59	Diagnosis	ICD-10-CM
	minutes, initial encounter		
S06.9X3A	Unspecified intracranial injury with loss of consciousness of 1 hour to 5 hours 59	Diagnosis	ICD-10-CM
	minutes, initial encounter		
S06.9X4A	Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours,	Diagnosis	ICD-10-CM
	initial encounter		
S06.9X5A	Unspecified intracranial injury with loss of consciousness greater than 24 hours	Diagnosis	ICD-10-CM
	with return to pre-existing conscious level, initial encounter		
S06.9X6A	Unspecified intracranial injury with loss of consciousness greater than 24 hours	Diagnosis	ICD-10-CM
	without return to pre-existing conscious level with patient surviving, initial		
	encounter		
S06.9X7A	Unspecified intracranial injury with loss of consciousness of any duration with	Diagnosis	ICD-10-CM
	death due to brain injury prior to regaining consciousness, initial encounter		
S06.9X8A	Unspecified intracranial injury with loss of consciousness of any duration with	Diagnosis	ICD-10-CM
	death due to other cause prior to regaining consciousness, initial encounter		
S06.9X9A	Unspecified intracranial injury with loss of consciousness of unspecified duration,	Diagnosis	ICD-10-CM
	initial encounter		
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
S08.0XXA	Avulsion of scalp, initial encounter	Diagnosis	ICD-10-CM
S12.000A	Unspecified displaced fracture of first cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S12.000B	Unspecified displaced fracture of first cervical vertebra, initial encounter for open	Diagnosis	ICD-10-CM
040.004	fracture		100 10 01
S12.001A	Unspecified nondisplaced fracture of first cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
642.00:-	closed fracture	5	ICD 40 Ct 4
S12.001B	Unspecified nondisplaced fracture of first cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
642.64	open fracture	5	10D 40 CM
S12.01XA	Stable burst fracture of first cervical vertebra, initial encounter for closed fracture	=	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	Diagnosis	ICD-10-CM
C12 02VD	fracture	Diagrasia	ICD 10 CM
S12.02XB	Unstable burst fracture of first cervical vertebra, initial encounter for open	Diagnosis	ICD-10-CM
C12 020A	fracture Displaced posterior arch fracture of first consists vertebra initial angulator for	Diagnasis	ICD 10 CM
S12.030A	Displaced posterior arch fracture of first cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
C12 020D	closed fracture	Diagnasis	ICD 10 CM
S12.030B	Displaced posterior arch fracture of first cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		

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Code	Description	Code Catego	ory Code Type
S12.031A	Nondisplaced posterior arch fracture of first cervical vertebra, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S12.031B	Nondisplaced posterior arch fracture of first cervical vertebra, initial encounter	Diagnosis	ICD-10-CM
	for open fracture		
S12.040A	Displaced lateral mass fracture of first cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
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	Diagnosis	ICD-10-CM
	closed fracture		
S12.041B	Nondisplaced lateral mass fracture of first cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S12.090A	Other displaced fracture of first cervical vertebra, initial encounter for closed	Diagnosis	ICD-10-CM
C12 000B	fracture Other displaced fracture of first cervical vertebra, initial encounter for open	Diagnosis	ICD 10 CM
S12.090B	fracture	Diagnosis	ICD-10-CM
S12.091A	Other nondisplaced fracture of first cervical vertebra, initial encounter for closed	Diagnosis	ICD-10-CM
312.031/(fracture	Diagnosis	ICD IO CIVI
S12.091B	Other nondisplaced fracture of first cervical vertebra, initial encounter for open	Diagnosis	ICD-10-CM
	fracture	Ü	
S12.100A	Unspecified displaced fracture of second cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S12.100B	Unspecified displaced fracture of second cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S12.101A	Unspecified nondisplaced fracture of second cervical vertebra, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S12.101B	Unspecified nondisplaced fracture of second cervical vertebra, initial encounter	Diagnosis	ICD-10-CM
S12.110A	for open fracture	Diagnosis	ICD 10 CM
S12.110A S12.110B	Anterior displaced Type II dens fracture, initial encounter for closed fracture Anterior displaced Type II dens fracture, initial encounter for open fracture	Diagnosis Diagnosis	ICD-10-CM ICD-10-CM
S12.110B	Posterior displaced Type II dens fracture, initial encounter for closed fracture	Diagnosis	
S12.111A	Posterior displaced Type II dens fracture, initial encounter for open fracture	_	ICD-10-CM ICD-10-CM
		Diagnosis	
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,	Diagnosis	ICD-10-CM
	initial encounter for closed fracture		
S12.130B	Unspecified traumatic displaced spondylolisthesis of second cervical vertebra,	Diagnosis	ICD-10-CM
642.424.	initial encounter for open fracture	D: :	100.40.614
S12.131A	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra,	Diagnosis	ICD-10-CM
	initial encounter for closed fracture		

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Code	Description	Code Category	Code Type
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
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

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Code	Description	Code Categor	y Code Type
S12.250B	Other traumatic displaced spondylolisthesis of third cervical vertebra, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S12.251A	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S12.251B	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S12.290A	Other displaced fracture of third cervical vertebra, initial encounter for closed	Diagnosis	ICD-10-CM
642 200B	fracture	5	100 40 604
S12.290B	Other displaced fracture of third cervical vertebra, initial encounter for open	Diagnosis	ICD-10-CM
S12.291A	fracture Other nondisplaced fracture of third cervical vertebra, initial encounter for closed	Diagnosis	ICD 10 CM
312.291A	fracture	Diagnosis	ICD-10-CM
S12.291B	Other nondisplaced fracture of third cervical vertebra, initial encounter for open	Diagnosis	ICD-10-CM
312.2310	fracture	Diagnosis	ICD 10 CIVI
S12.300A	Unspecified displaced fracture of fourth cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
0	closed fracture	2.0800.0	.02 20 0
S12.300B	Unspecified displaced fracture of fourth cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
	open fracture	J	
S12.301A	Unspecified nondisplaced fracture of fourth cervical vertebra, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture	_	
S12.301B	Unspecified nondisplaced fracture of fourth cervical vertebra, initial encounter	Diagnosis	ICD-10-CM
	for open fracture		
S12.330A	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra,	Diagnosis	ICD-10-CM
	initial encounter for closed fracture		
S12.330B	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra,	Diagnosis	ICD-10-CM
	initial encounter for open fracture		
S12.331A	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra,	Diagnosis	ICD-10-CM
	initial encounter for closed fracture		
S12.331B	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra,	Diagnosis	ICD-10-CM
C12 24VA	initial encounter for open fracture	Diamania	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	Diagnosis	ICD-10-CM
312.34AD	for open fracture	Diagnosis	ICD-10-CIVI
S12.350A	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, initial	Diagnosis	ICD-10-CM
312.330A	encounter for closed fracture	Diagnosis	ICD-10-CIVI
S12.350B	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, initial	Diagnosis	ICD-10-CM
312.3302	encounter for open fracture	Diagnosis	100 10 0111
S12.351A	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial	Diagnosis	ICD-10-CM
-	encounter for closed fracture	5	
S12.351B	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial	Diagnosis	ICD-10-CM
	encounter for open fracture	-	
S12.390A	Other displaced fracture of fourth cervical vertebra, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		

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Code	Description	Code Category	y Code Type
S12.390B	Other displaced fracture of fourth cervical vertebra, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S12.391A	Other nondisplaced fracture of fourth cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
C12 2010	closed fracture Other pendiculated fracture of fourth convical vertebra, initial encounter for	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	Diagnosis	ICD-10-CM
312.400A	closed fracture	Diagnosis	ICD 10 CIVI
S12.400B	Unspecified displaced fracture of fifth cervical vertebra, initial encounter for open	Diagnosis	ICD-10-CM
	fracture	· ·	
S12.401A	Unspecified nondisplaced fracture of fifth cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S12.401B	Unspecified nondisplaced fracture of fifth cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
642.4224	open fracture	5	100 40 01
S12.430A	Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra, initial	Diagnosis	ICD-10-CM
S12.430B	encounter for closed fracture Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra, initial	Diagnosis	ICD-10-CM
312.4300	encounter for open fracture	Diagnosis	ICD-10-CIVI
S12.431A	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra,	Diagnosis	ICD-10-CM
	initial encounter for closed fracture	g	
S12.431B	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra,	Diagnosis	ICD-10-CM
	initial encounter for open fracture		
S12.44XA	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S12.44XB	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
C12 4F0A	open fracture	Diamasia	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	Diagnosis	ICD-10-CM
312.4300	encounter for open fracture	Diagnosis	ICD 10 CIVI
S12.451A	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture	_	
S12.451B	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S12.490A	Other displaced fracture of fifth cervical vertebra, initial encounter for closed	Diagnosis	ICD-10-CM
C42 4000	fracture Other displaced fracture of fifth agriculturate has initial agreement of the second of the	Di	ICD 40 Ct 4
S12.490B	Other displaced fracture of fifth cervical vertebra, initial encounter for open	Diagnosis	ICD-10-CM
S12.491A	fracture Other nondisplaced fracture of fifth cervical vertebra, initial encounter for closed	Diagnosis	ICD-10-CM
J12.7J1M	fracture	Diagnosis	ICD-TO-CIAI
S12.491B	Other nondisplaced fracture of fifth cervical vertebra, initial encounter for open	Diagnosis	ICD-10-CM
	fracture	J	
S12.500A	Unspecified displaced fracture of sixth cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		

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Code	Description	Code Catego	ry Code Type
S12.500B	Unspecified displaced fracture of sixth cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S12.501A	Unspecified nondisplaced fracture of sixth cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S12.501B	Unspecified nondisplaced fracture of sixth cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
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	Diagnosis	ICD-10-CM
C12 F21 A	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,	Diagnosis	ICD-10-CM
	initial encounter for open fracture		
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	Diagnosis	ICD-10-CM
	open fracture	_	
S12.550A	Other traumatic displaced spondylolisthesis of sixth cervical vertebra, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
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	Diagnosis	ICD-10-CM
	encounter for closed fracture		
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	Diagnosis	ICD-10-CM
312.330A	fracture	Diagnosis	ICD-10-CIVI
S12.590B	Other displaced fracture of sixth cervical vertebra, initial encounter for open	Diagnosis	ICD-10-CM
312.3302	fracture	D106110313	105 10 0111
S12.591A	Other nondisplaced fracture of sixth cervical vertebra, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	J	
S12.591B	Other nondisplaced fracture of sixth cervical vertebra, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S12.600A	Unspecified displaced fracture of seventh cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S12.600B	Unspecified displaced fracture of seventh cervical vertebra, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		100 10 011
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	Diagnosis	ICD-10-CM
312.0010	for open fracture	Diagnosis	ICD-TO-CIAI
S12.630A	Unspecified traumatic displaced spondylolisthesis of seventh cervical vertebra,	Diagnosis	ICD-10-CM
	initial encounter for closed fracture		

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Code	Description	Code Catego	ry Code Type
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
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
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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

	Passwintian		. Cada Tura
Code	Description	Code Category	
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
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
S21.101A	Unspecified open wound of right front wall of thorax without penetration into	Diagnosis	ICD-10-CM
	thoracic cavity, initial encounter		
S21.102A	Unspecified open wound of left front wall of thorax without penetration into	Diagnosis	ICD-10-CM
	thoracic cavity, initial encounter		
S21.109A	Unspecified open wound of unspecified front wall of thorax without penetration	Diagnosis	ICD-10-CM
	into thoracic cavity, initial encounter		
S21.111A	Laceration without foreign body of right front wall of thorax without penetration	Diagnosis	ICD-10-CM
	into thoracic cavity, initial encounter		
S21.112A	Laceration without foreign body of left front wall of thorax without penetration	Diagnosis	ICD-10-CM
	into thoracic cavity, initial encounter		
S21.119A	Laceration without foreign body of unspecified front wall of thorax without	Diagnosis	ICD-10-CM
	penetration into thoracic cavity, initial encounter		
S21.121A	Laceration with foreign body of right front wall of thorax without penetration	Diagnosis	ICD-10-CM
	into thoracic cavity, initial encounter		
S21.122A	Laceration with foreign body of left front wall of thorax without penetration into	Diagnosis	ICD-10-CM
	thoracic cavity, initial encounter		
S21.129A	Laceration with foreign body of unspecified front wall of thorax without	Diagnosis	ICD-10-CM
	penetration into thoracic cavity, initial encounter		
S21.131A	Puncture wound without foreign body of right front wall of thorax without	Diagnosis	ICD-10-CM
	penetration into thoracic cavity, initial encounter		
S21.132A	Puncture wound without foreign body of left front wall of thorax without	Diagnosis	ICD-10-CM
	penetration into thoracic cavity, initial encounter		

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Code	Description	Code Catego	ry Code Type
S21.139A	Puncture wound without foreign body of unspecified front wall of thorax without	Diagnosis	ICD-10-CM
	penetration into thoracic cavity, initial encounter		
S21.141A	Puncture wound with foreign body of right front wall of thorax without	Diagnosis	ICD-10-CM
	penetration into thoracic cavity, initial encounter		
S21.142A	Puncture wound with foreign body of left front wall of thorax without	Diagnosis	ICD-10-CM
	penetration into thoracic cavity, initial encounter		
S21.149A	Puncture wound with foreign body of unspecified front wall of thorax without	Diagnosis	ICD-10-CM
	penetration into thoracic cavity, initial encounter		
S21.151A	Open bite of right front wall of thorax without penetration into thoracic cavity,	Diagnosis	ICD-10-CM
	initial encounter		
S21.152A	Open bite of left front wall of thorax without penetration into thoracic cavity,	Diagnosis	ICD-10-CM
	initial encounter		
S21.159A	Open bite of unspecified front wall of thorax without penetration into thoracic	Diagnosis	ICD-10-CM
	cavity, initial encounter		
S21.301A	Unspecified open wound of right front wall of thorax with penetration into	Diagnosis	ICD-10-CM
624 2024	thoracic cavity, initial encounter	5	100 40 614
S21.302A	Unspecified open wound of left front wall of thorax with penetration into	Diagnosis	ICD-10-CM
C21 200 A	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
S21.311A	Laceration without foreign body of right front wall of thorax with penetration	Diagnosis	ICD-10-CM
321.311A	into thoracic cavity, initial encounter	Diagnosis	ICD-10-CIVI
S21.312A	Laceration without foreign body of left front wall of thorax with penetration into	Diagnosis	ICD-10-CM
021.012,1	thoracic cavity, initial encounter	Diagnosis	105 10 0111
S21.319A	Laceration without foreign body of unspecified front wall of thorax with	Diagnosis	ICD-10-CM
	penetration into thoracic cavity, initial encounter	. 0	
S21.321A	Laceration with foreign body of right front wall of thorax with penetration into	Diagnosis	ICD-10-CM
	thoracic cavity, initial encounter		
S21.322A	Laceration with foreign body of left front wall of thorax with penetration into	Diagnosis	ICD-10-CM
	thoracic cavity, initial encounter		
S21.329A	Laceration with foreign body of unspecified front wall of thorax with penetration	Diagnosis	ICD-10-CM
	into thoracic cavity, initial encounter		
S21.331A	Puncture wound without foreign body of right front wall of thorax with	Diagnosis	ICD-10-CM
	penetration into thoracic cavity, initial encounter		
S21.332A	Puncture wound without foreign body of left front wall of thorax with	Diagnosis	ICD-10-CM
	penetration into thoracic cavity, initial encounter		
S21.339A	Puncture wound without foreign body of unspecified front wall of thorax with	Diagnosis	ICD-10-CM
	penetration into thoracic cavity, initial encounter		
S21.341A	Puncture wound with foreign body of right front wall of thorax with penetration	Diagnosis	ICD-10-CM
	into thoracic cavity, initial encounter		100 40 61 1
S21.342A	Puncture wound with foreign body of left front wall of thorax with penetration	Diagnosis	ICD-10-CM
C24 2404	into thoracic cavity, initial encounter	Dia :	ICD 10 CM
S21.349A	Puncture wound with foreign body of unspecified front wall of thorax with	Diagnosis	ICD-10-CM
	penetration into thoracic cavity, initial encounter		

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Code	Description	Code Category	Code Type
S21.351A	Open bite of right front wall of thorax with penetration into thoracic cavity, initial	Diagnosis	ICD-10-CM
	encounter		
S21.352A	Open bite of left front wall of thorax with penetration into thoracic cavity, initial	Diagnosis	ICD-10-CM
	encounter		100 40 014
S21.359A	Open bite of unspecified front wall of thorax with penetration into thoracic	Diagnosis	ICD-10-CM
C24 404 A	cavity, initial encounter	5	100 40 604
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	Diagnosis	ICD-10-CM
	thoracic cavity, initial encounter	J	
S21.411A	Laceration without foreign body of right back wall of thorax with penetration into	Diagnosis	ICD-10-CM
	thoracic cavity, initial encounter	_	
S21.412A	Laceration without foreign body of left back wall of thorax with penetration into	Diagnosis	ICD-10-CM
	thoracic cavity, initial encounter		
S21.419A	Laceration without foreign body of unspecified back wall of thorax with	Diagnosis	ICD-10-CM
	penetration into thoracic cavity, initial encounter		
S21.421A	Laceration with foreign body of right back wall of thorax with penetration into	Diagnosis	ICD-10-CM
	thoracic cavity, initial encounter		
S21.422A	Laceration with foreign body of left back wall of thorax with penetration into	Diagnosis	ICD-10-CM
	thoracic cavity, initial encounter		
S21.429A	Laceration with foreign body of unspecified back wall of thorax with penetration	Diagnosis	ICD-10-CM
	into thoracic cavity, initial encounter		
S21.431A	Puncture wound without foreign body of right back wall of thorax with	Diagnosis	ICD-10-CM
	penetration into thoracic cavity, initial encounter		
S21.432A	Puncture wound without foreign body of left back wall of thorax with	Diagnosis	ICD-10-CM
	penetration into thoracic cavity, initial encounter		
S21.439A	Puncture wound without foreign body of unspecified back wall of thorax with	Diagnosis	ICD-10-CM
	penetration into thoracic cavity, initial encounter		
S21.441A	Puncture wound with foreign body of right back wall of thorax with penetration	Diagnosis	ICD-10-CM
	into thoracic cavity, initial encounter		
S21.442A	Puncture wound with foreign body of left back wall of thorax with penetration	Diagnosis	ICD-10-CM
	into thoracic cavity, initial encounter		
S21.449A	Puncture wound with foreign body of unspecified back wall of thorax with	Diagnosis	ICD-10-CM
	penetration into thoracic cavity, initial encounter		
S21.451A	Open bite of right back wall of thorax with penetration into thoracic cavity, initial	Diagnosis	ICD-10-CM
	encounter		
S21.452A	Open bite of left back wall of thorax with penetration into thoracic cavity, initial	Diagnosis	ICD-10-CM
C21 /E0A	encounter Open hits of unconsided back wall of therax with penetration into therasis savity.	Diagnosis	ICD 10 CM
S21.459A	Open bite of unspecified back wall of thorax with penetration into thoracic cavity, initial encounter	DIABLIOSIS	ICD-10-CM
S21.90XA	Unspecified open wound of unspecified part of thorax, initial encounter	Diagnosis	ICD-10-CM
S21.91XA	Laceration without foreign body of unspecified part of thorax, initial encounter	Diagnosis	ICD-10-CM
S21.92XA	Laceration with foreign body of unspecified part of thorax, initial encounter	Diagnosis	ICD-10-CM
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Code	Description	Code Category	Code Type
S21.93XA	Puncture wound without foreign body of unspecified part of thorax, initial	Diagnosis	ICD-10-CM
	encounter		
S21.94XA	Puncture wound with foreign body of unspecified part of thorax, initial encounter	Diagnosis	ICD-10-CM
S21.95XA	Open bite of unspecified part of thorax, initial encounter	Diagnosis	ICD-10-CM
S22.000A	Wedge compression fracture of unspecified thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture	Ç	
S22.000B	Wedge compression fracture of unspecified thoracic vertebra, initial encounter	Diagnosis	ICD-10-CM
	for open fracture		
S22.001A	Stable burst fracture of unspecified thoracic vertebra, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S22.001B	Stable burst fracture of unspecified thoracic vertebra, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S22.002A	Unstable burst fracture of unspecified thoracic vertebra, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S22.002B	Unstable burst fracture of unspecified thoracic vertebra, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S22.008A	Other fracture of unspecified thoracic vertebra, initial encounter for closed	Diagnosis	ICD-10-CM
622.622	fracture	D: :	100 40 60
S22.008B	Other fracture of unspecified thoracic vertebra, initial encounter for open	Diagnosis	ICD-10-CM
S22.009A	Unspecified fracture of unspecified thoracic vertebra, initial encounter for closed	Diagnosis	ICD-10-CM
C22 000D	fracture Unexpecified fracture of unexpecified thereois vertebra, initial encounter for ones.	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	Diagnosis	ICD-10-CM
J22.010A	closed fracture	Diagnosis	ICD TO-CIVI
S22.010B	Wedge compression fracture of first thoracic vertebra, initial encounter for open	Diagnosis	ICD-10-CM
322.3100	fracture	_ 105110313	.05 10 0.00
S22.011A	Stable burst fracture of first thoracic vertebra, initial encounter for closed	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	Diagnosis	ICD-10-CM
	fracture	Ç	
S22.012B	Unstable burst fracture of first thoracic vertebra, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
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	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	Diagnosis	ICD-10-CM
	closed fracture		
S22.020B	Wedge compression fracture of second thoracic vertebra, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S22.021A	Stable burst fracture of second thoracic vertebra, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S22.021B	Stable burst fracture of second thoracic vertebra, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		

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Code	Description	Code Catego	ory Code Type
S22.022A	Unstable burst fracture of second thoracic vertebra, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S22.022B	Unstable burst fracture of second thoracic vertebra, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
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
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

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Categor	y Code Type
S22.050A	Wedge compression fracture of T5-T6 vertebra, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	-	
S22.050B	Wedge compression fracture of T5-T6 vertebra, initial encounter for open	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	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
		5	

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Categor	y Code Type
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
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

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Code	Description	Code Category	Code Type
S24.154A	Other incomplete lesion at T11-T12 level of thoracic spinal cord, 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
S27.802A	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
S27.9XXA	Injury of unspecified intrathoracic organ, initial encounter	Diagnosis	ICD-10-CM
S28.0XXA	Crushed chest, initial encounter	Diagnosis	ICD-10-CM
S28.1XXA	Traumatic amputation (partial) of part of thorax, except breast, initial encounter	Diagnosis	ICD-10-CM
S29.021A	Laceration of muscle and tendon of front wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S29.029A	Laceration of muscle and tendon of unspecified wall of thorax, initial encounter	Diagnosis	ICD-10-CM
S31.001A	Unspecified open wound of lower back and pelvis with penetration into	Diagnosis	ICD-10-CM
C24 C00A	retroperitoneum, initial encounter	Diamenia	ICD 10 CM
S31.609A	Unspecified open wound of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, initial encounter	Diagnosis	ICD-10-CM
S32.000A	Wedge compression fracture of unspecified lumbar vertebra, initial encounter for	Diagnosis	ICD-10-CM
332.000A	closed fracture	Diagnosis	ICD 10 CIVI
S32.000B	Wedge compression fracture of unspecified lumbar vertebra, initial encounter for	Diagnosis	ICD-10-CM
	open fracture	J	
S32.001A	Stable burst fracture of unspecified lumbar vertebra, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S32.001B	Stable burst fracture of unspecified lumbar vertebra, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S32.002A	Unstable burst fracture of unspecified lumbar vertebra, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S32.002B	Unstable burst fracture of unspecified lumbar vertebra, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S32.008A	Other fracture of unspecified lumbar vertebra, initial encounter for closed	Diagnosis	ICD-10-CM
S32.008B	Other fracture of unspecified lumbar vertebra, initial encounter for open fracture		ICD-10-CM
S32.009A	Unspecified fracture of unspecified lumbar vertebra, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S32.009B	Unspecified fracture of unspecified lumbar vertebra, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S32.010A	Wedge compression fracture of first lumbar vertebra, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S32.010B	Wedge compression fracture of first lumbar vertebra, initial encounter for open	Diagnosis	ICD-10-CM
622.6444	fracture	5	ICD 40 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	Diagnosis	ICD-10-CM
C22 0425	fracture	Diame!	ICD 10 CM
S32.012B	Unstable burst fracture of first lumbar vertebra, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		

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Code	Description	Code Category	y Code Type
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
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	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	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	Diagnosis	ICD-10-CM
S32.042A	Unstable burst fracture of fourth lumbar vertebra, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.042B	Unstable burst fracture of fourth lumbar vertebra, initial encounter for open	Diagnosis	ICD-10-CM
	fracture	<u> </u>	
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	Diagnosis	ICD-10-CM
	fracture	_	
S32.049B	Unspecified fracture of fourth lumbar vertebra, initial encounter for open	Diagnosis	ICD-10-CM
S32.050A	Wedge compression fracture of fifth lumbar vertebra, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	-	
S32.050B	Wedge compression fracture of fifth lumbar vertebra, initial encounter for open	Diagnosis	ICD-10-CM
	fracture	-	
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	Diagnosis	ICD-10-CM
	fracture		
S32.052B	Unstable burst fracture of fifth lumbar vertebra, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
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	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	Diagnosis	ICD-10-CM
	fracture		
S32.121B	$\label{thm:mally displaced Zone II fracture of sacrum, initial encounter for open fracture} \\$		ICD-10-CM
S32.122A		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	Diagnosis	ICD-10-CM
	fracture		
S32.131B	Minimally displaced Zone III fracture of sacrum, initial encounter for open	Diagnosis	ICD-10-CM

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Category	Code Type
S32.132A	Severely displaced Zone III fracture of sacrum, initial encounter for closed	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	Diagnosis	ICD-10-CM
	fracture		
S32.313B	Displaced avulsion fracture of unspecified ilium, initial encounter for open	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	Diagnosis	ICD-10-CM
	fracture		
S32.316B	Nondisplaced avulsion fracture of unspecified ilium, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
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
		-	

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Code	Description	Code Category	
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	Diagnosis	ICD-10-CM
	fracture		
S32.409B	Unspecified fracture of unspecified acetabulum, initial encounter for open	Diagnosis	ICD-10-CM
S32.411A	Displaced fracture of anterior wall of right acetabulum, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S32.411B	Displaced fracture of anterior wall of right acetabulum, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S32.412A	Displaced fracture of anterior wall of left acetabulum, initial encounter for closed	Diagnosis	ICD-10-CM
622 442B	fracture	5	100 40 604
S32.412B	Displaced fracture of anterior wall of left acetabulum, initial encounter for open	Diagnosis	ICD-10-CM
C22 412A	fracture Displaced fracture of enterior well of unenecified acetabulum initial encounter	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	Diagnosis	ICD-10-CM
332.4136	for open fracture	Diagnosis	ICD-10-CIVI
S32.414A	Nondisplaced fracture of anterior wall of right acetabulum, initial encounter for	Diagnosis	ICD-10-CM
332.414A	closed fracture	Diagnosis	ICD 10 CIVI
S32.414B	Nondisplaced fracture of anterior wall of right acetabulum, initial encounter for	Diagnosis	ICD-10-CM
0022	open fracture	2108.100.0	.02 20 0
S32.415A	Nondisplaced fracture of anterior wall of left acetabulum, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture	_	
S32.415B	Nondisplaced fracture of anterior wall of left acetabulum, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S32.416A	Nondisplaced fracture of anterior wall of unspecified acetabulum, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S32.416B	Nondisplaced fracture of anterior wall of unspecified acetabulum, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S32.421A	Displaced fracture of posterior wall of right acetabulum, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S32.421B	Displaced fracture of posterior wall of right acetabulum, initial encounter for	Diagnosis	ICD-10-CM
622 4224	open fracture	5	100 40 604
S32.422A	Displaced fracture of posterior wall of left acetabulum, initial encounter for	Diagnosis	ICD-10-CM
C22 422D	closed fracture	Diamonia	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	Diagnosis	ICD-10-CM
332.423A	for closed fracture	Diagnosis	ICD-10-CIVI
S32.423B	Displaced fracture of posterior wall of unspecified acetabulum, initial encounter	Diagnosis	ICD-10-CM
332.723D	for open fracture	510P110313	ICD TO CIVI
S32.424A	Nondisplaced fracture of posterior wall of right acetabulum, initial encounter for	Diagnosis	ICD-10-CM
302.12 1/1	closed fracture		
S32.424B	Nondisplaced fracture of posterior wall of right acetabulum, initial encounter for	Diagnosis	ICD-10-CM
	open fracture	5	
	·		

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Code	Description	Code Catego	ry Code Type
S32.425A	Nondisplaced fracture of posterior wall of left acetabulum, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
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
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,	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S32.444A	Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S32.444B	Nondisplaced fracture of posterior column [ilioischial] of right acetabulum, initial	Diagnosis	ICD-10-CM
C22 445A	encounter for open fracture	Diamonia	ICD 40 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	Diagnosis	ICD-10-CM
332.4430	encounter for open fracture	Diagnosis	ICD-10-CIVI
S32.446A	Nondisplaced fracture of posterior column [ilioischial] of unspecified acetabulum,	Diagnosis	ICD-10-CM
	initial encounter for closed fracture		
S32.446B	Nondisplaced fracture of posterior column [ilioischial] of unspecified acetabulum,	Diagnosis	ICD-10-CM
	initial encounter for open fracture		
S32.451A	Displaced transverse fracture of right acetabulum, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S32.451B	Displaced transverse fracture of right acetabulum, initial encounter for open	Diagnosis	ICD-10-CM
C22 4E2A	fracture Displaced transport of fractions of left and table law initial accounts of an electric state.	Diamonia	ICD 40 CM
S32.452A	Displaced transverse fracture of left acetabulum, initial encounter for closed	Diagnosis	ICD-10-CM
S32.452B	fracture Displaced transverse fracture of left acetabulum, initial encounter for open	Diagnosis	ICD-10-CM
332.4320	fracture	Diagnosis	ICD-10-CIVI
S32.453A	Displaced transverse fracture of unspecified acetabulum, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture	J	
S32.453B	Displaced transverse fracture of unspecified acetabulum, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S32.454A	Nondisplaced transverse fracture of right acetabulum, initial encounter for closed	Diagnosis	ICD-10-CM
600 45 45	fracture	<u>.</u>	100 10 011
S32.454B	Nondisplaced transverse fracture of right acetabulum, initial encounter for open	Diagnosis	ICD-10-CM
S32.455A	fracture Nondisplaced transverse fracture of left acetabulum, initial encounter for closed	Diagnosis	ICD-10-CM
332.433A	fracture	Diagnosis	ICD-10-CIVI
S32.455B	Nondisplaced transverse fracture of left acetabulum, initial encounter for open	Diagnosis	ICD-10-CM
	fracture	J	
S32.456A	Nondisplaced transverse fracture of unspecified acetabulum, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S32.456B	Nondisplaced transverse fracture of unspecified acetabulum, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S32.461A	Displaced associated transverse-posterior fracture of right acetabulum, initial	Diagnosis	ICD-10-CM
C22 461D	encounter for closed fracture Displaced associated transverse posterior fracture of right assetabulum, initial	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	Diagnosis	ICD-10-CM
302.7027	encounter for closed fracture	_ /0000.0	
S32.462B	Displaced associated transverse-posterior fracture of left acetabulum, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		

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Code	Description	Code Categor	y Code Type
S32.463A	Displaced associated transverse-posterior fracture of unspecified acetabulum,	Diagnosis	ICD-10-CM
	initial encounter for closed fracture		
S32.463B	Displaced associated transverse-posterior fracture of unspecified acetabulum,	Diagnosis	ICD-10-CM
	initial encounter for open fracture		
S32.464A	Nondisplaced associated transverse-posterior fracture of right acetabulum, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S32.464B	Nondisplaced associated transverse-posterior fracture of right acetabulum, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S32.465A	Nondisplaced associated transverse-posterior fracture of left acetabulum, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		100 10 011
S32.465B	Nondisplaced associated transverse-posterior fracture of left acetabulum, initial	Diagnosis	ICD-10-CM
C22 466A	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	Diagnosis	ICD-10-CM
JJ2.400D	acetabulum, initial encounter for open fracture	Diagnosis	ICD-10-CIVI
S32.471A	Displaced fracture of medial wall of right acetabulum, initial encounter for closed	Diagnosis	ICD-10-CM
002	fracture	2.0800.0	.02 20 0
S32.471B	Displaced fracture of medial wall of right acetabulum, initial encounter for open	Diagnosis	ICD-10-CM
	fracture	J	
S32.472A	Displaced fracture of medial wall of left acetabulum, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S32.472B	Displaced fracture of medial wall of left acetabulum, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S32.473A	Displaced fracture of medial wall of unspecified acetabulum, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S32.473B	Displaced fracture of medial wall of unspecified acetabulum, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S32.474A	Nondisplaced fracture of medial wall of right acetabulum, initial encounter for	Diagnosis	ICD-10-CM
C22 474D	closed fracture	Diamania	ICD 10 CM
S32.474B	Nondisplaced fracture of medial wall of right acetabulum, initial encounter for	Diagnosis	ICD-10-CM
S32.475A	open fracture Nondisplaced fracture of medial wall of left acetabulum, initial encounter for	Diagnosis	ICD-10-CM
332.473A	closed fracture	Diagnosis	ICD-10-CIVI
S32.475B	Nondisplaced fracture of medial wall of left acetabulum, initial encounter for	Diagnosis	ICD-10-CM
332.4738	open fracture	Diagnosis	TCD 10 CIVI
S32.476A	Nondisplaced fracture of medial wall of unspecified acetabulum, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture	- 0	
S32.476B	Nondisplaced fracture of medial wall of unspecified acetabulum, initial encounter	Diagnosis	ICD-10-CM
	for open fracture	-	
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

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Code	Description	Code Category	Code Type
S32.483A	Displaced dome fracture of unspecified acetabulum, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	5	
S32.483B	Displaced dome fracture of unspecified acetabulum, initial encounter for open	Diagnosis	ICD-10-CM
	fracture	5	
S32.484A	Nondisplaced dome fracture of right acetabulum, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	Ç	
S32.484B	Nondisplaced dome fracture of right acetabulum, initial encounter for open	Diagnosis	ICD-10-CM
	fracture	Ç	
S32.485A	Nondisplaced dome fracture of left acetabulum, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	-	
S32.485B	Nondisplaced dome fracture of left acetabulum, initial encounter for open	Diagnosis	ICD-10-CM
	fracture	-	
S32.486A	Nondisplaced dome fracture of unspecified acetabulum, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S32.486B	Nondisplaced dome fracture of unspecified acetabulum, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
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	Diagnosis	ICD-10-CM
	fracture		
S32.499B	Other specified fracture of unspecified acetabulum, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
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
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

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Category	Code Type
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	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	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
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

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Category	Code Type
S32.9XXB	Fracture of unspecified parts of lumbosacral spine and pelvis, initial encounter for		ICD-10-CM
	open fracture	-	
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
S35.401A	Unspecified injury of right renal artery, initial encounter	Diagnosis	ICD-10-CM
S35.402A	Unspecified injury of left renal artery, initial encounter	Diagnosis	ICD-10-CM
S35.403A	Unspecified injury of unspecified renal artery, initial encounter	Diagnosis	ICD-10-CM
S35.404A	Unspecified injury of right renal vein, initial encounter	Diagnosis	ICD-10-CM
S35.405A	Unspecified injury of left renal vein, initial encounter	Diagnosis	ICD-10-CM
S35.406A	Unspecified injury of unspecified renal vein, initial encounter	Diagnosis	ICD-10-CM
S35.411A	Laceration of right renal artery, initial encounter	Diagnosis	ICD-10-CM
S35.412A	Laceration of left renal artery, initial encounter	Diagnosis	ICD-10-CM
S35.413A	Laceration of unspecified renal artery, initial encounter	Diagnosis	ICD-10-CM
S35.414A	Laceration of right renal vein, initial encounter	Diagnosis	ICD-10-CM
S35.415A	Laceration of left renal vein, initial encounter	Diagnosis	ICD-10-CM
S35.416A	Laceration of unspecified renal vein, initial encounter	Diagnosis	ICD-10-CM
S35.491A	Other specified injury of right renal artery, initial encounter	Diagnosis	ICD-10-CM
S35.492A	Other specified injury of left renal artery, initial encounter	Diagnosis	ICD-10-CM
S35.493A	Other specified injury of unspecified renal artery, initial encounter	Diagnosis	ICD-10-CM
S35.494A	Other specified injury of right renal vein, initial encounter	Diagnosis	ICD-10-CM
S35.495A	Other specified injury of left renal vein, initial encounter	Diagnosis	ICD-10-CM
S35.496A	Other specified injury of unspecified renal vein, initial encounter	Diagnosis	ICD-10-CM
S35.531A	Injury of right uterine artery, initial encounter	Diagnosis	ICD-10-CM
S35.532A	Injury of left uterine artery, initial encounter	Diagnosis	ICD-10-CM
S35.533A	Injury of unspecified uterine artery, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S35.534A	Injury of right uterine vein, initial encounter	Diagnosis	ICD-10-CM
S35.535A	Injury of left uterine vein, initial encounter	Diagnosis	ICD-10-CM
S35.536A	Injury of unspecified uterine vein, initial encounter	Diagnosis	ICD-10-CM
S35.8X1A	Laceration of other blood vessels at abdomen, lower back and pelvis level, initial	Diagnosis	ICD-10-CM
	encounter	J	
S35.8X8A	Other specified injury of other blood vessels at abdomen, lower back and pelvis	Diagnosis	ICD-10-CM
	level, initial encounter	. 6	
S35.8X9A	Unspecified injury of other blood vessels at abdomen, lower back and pelvis level,	Diagnosis	ICD-10-CM
	initial encounter	. 6	
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
S36.09XA	Other injury of spleen, initial encounter	Diagnosis	ICD-10-CM
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
S36.200A	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

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description		ry Code Type
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
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

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Code	Description	Code Catego	ry Code Type
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
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
S36.899A	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
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
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

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\$37.20XA	Other injury of ureter, initial encounter Onspecified injury of bladder, initial encounter Ocentusion of bladder, initial encounter Other injury of bladder, initial encounter Other injury of bladder, initial encounter Onspecified injury of urethra, initial encounter Ontusion of urethra, initial encounter Other injury of urethra, initial encounter Other injury of urethra, initial encounter Other injury of ovary, unilateral, initial encounter Onspecified injury of ovary, unilateral, initial encounter Onspecified injury of ovary, unspecified, initial encounter Ontusion of ovary, unilateral, initial encounter Contusion of ovary, bilateral, initial encounter Contusion of ovary, unspecified, initial encounter acceration of ovary, unspecified, initial encounter acceration of ovary, unspecified, initial encounter acceration of ovary, unspecified, initial encounter Other injury of ovary, unilateral, initial encounter	Diagnosis	ICD-10-CM
\$37.22XA C \$37.23XA L \$37.29XA C \$37.30XA U \$37.32XA C \$37.32XA C \$37.33XA L \$37.401A U \$37.402A U \$37.402A C \$37.402A C \$37.422A C \$37.422A C \$37.422A C \$37.422A C \$37.439A L \$37.439A L \$37.439A L \$37.439A C	Contusion of bladder, initial encounter Conter injury of bladder, initial encounter Contusion of urethra, initial encounter Contusion of urethra, initial encounter Contusion of urethra, initial encounter Conter injury of urethra, initial encounter Conter injury of urethra, initial encounter Conter injury of urethra, initial encounter Conspecified injury of ovary, unilateral, initial encounter Conspecified injury of ovary, bilateral, initial encounter Contusion of ovary, unilateral, initial encounter Conterior of ovary, unilateral, initial encounter	Diagnosis	ICD-10-CM
\$37.23XA LC \$37.29XA CC \$37.30XA CC \$37.33XA CC \$37.33XA CC \$37.401A CC \$37.402A CC \$37.402A CC \$37.422A CC \$37.422A CC \$37.429A CC \$37.439A CC \$37.43	acceration of bladder, initial encounter Other injury of bladder, initial encounter Unspecified injury of urethra, initial encounter Contusion of urethra, initial encounter Other injury of urethra, initial encounter Unspecified injury of ovary, unilateral, initial encounter Unspecified injury of ovary, bilateral, initial encounter Unspecified injury of ovary, unspecified, initial encounter Unspecified injury of ovary, unspecified, initial encounter Contusion of ovary, unilateral, initial encounter Contusion of ovary, unspecified, initial encounter Contusion of ovary, unspecified, initial encounter acceration of ovary, unilateral, initial encounter acceration of ovary, unspecified, initial encounter acceration of ovary, unspecified, initial encounter Other injury of ovary, unilateral, initial encounter	Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
\$37.29XA	Other injury of bladder, initial encounter Unspecified injury of urethra, initial encounter Contusion of urethra, initial encounter Content injury of urethra, initial encounter Content injury of urethra, initial encounter Conspecified injury of ovary, unilateral, initial encounter Conspecified injury of ovary, bilateral, initial encounter Contusion of ovary, unilateral, initial encounter Contusion of ovary, bilateral, initial encounter Contusion of ovary, unspecified, initial encounter Contusion of ovary, unspecified, initial encounter Contact on of ovary, unspecified, initial encounter Content of ovary, unilateral, initial encounter Content of ovary, unilateral, initial encounter Content of ovary, unilateral, initial encounter Content injury of ovary, unilateral, initial encounter Content injury of ovary, bilateral, initial encounter Content injury of ovary, bilateral, initial encounter	Diagnosis	ICD-10-CM
\$37.30XA U S37.32XA C S37.33XA L S37.39XA C S37.401A U S37.402A U S37.409A C S37.422A C S37.422A C S37.429A C S37.439A L S37.439A L S37.439A C	Unspecified injury of urethra, initial encounter acceration of urethra, initial encounter of unspecified injury of ovary, unilateral, initial encounter of unspecified injury of ovary, unspecified, initial encounter of unspecified injury of ovary, unspecified, initial encounter of unspecified, initial encounter of unspecified, initial encounter of unspecified, initial encounter of unspecified, initial encounter acceration of ovary, unspecified, initial encounter acceration of ovary, unspecified, initial encounter of unspecified, in	Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
\$37.32XA C \$37.33XA L \$37.39XA C \$37.401A U \$37.402A U \$37.409A U \$37.421A C \$37.422A C \$37.429A C \$37.439A L \$37.439A L \$37.439A C	Contusion of urethra, initial encounter Content injury of urethra, initial encounter Content injury of urethra, initial encounter Conspecified injury of ovary, unilateral, initial encounter Conspecified injury of ovary, bilateral, initial encounter Contusion of ovary, unilateral, initial encounter Contusion of ovary, unilateral, initial encounter Contusion of ovary, unspecified, initial encounter Contusion of ovary, unspecified, initial encounter Contact of ovary, unspecified, initial encounter Content of ovary, unilateral, initial encounter Content of ovary, unilateral, initial encounter Content of ovary, unspecified, initial encounter Content of ovary, unspecified, initial encounter Content of ovary, unspecified, initial encounter Content of ovary, unilateral, initial encounter	Diagnosis	ICD-10-CM
\$37.33XA LC \$37.39XA C \$37.401A U \$37.402A U \$37.409A U \$37.421A C \$37.422A C \$37.429A C \$37.431A LC \$37.432A LC \$37.439A LC \$37.439A C	acceration of urethra, initial encounter Other injury of urethra, initial encounter Unspecified injury of ovary, unilateral, initial encounter Unspecified injury of ovary, bilateral, initial encounter Unspecified injury of ovary, unspecified, initial encounter Contusion of ovary, unilateral, initial encounter Contusion of ovary, bilateral, initial encounter Contusion of ovary, unspecified, initial encounter Contusion of ovary, unspecified, initial encounter Contact of ovary, unilateral, initial encounter	Diagnosis	ICD-10-CM
\$37.49A C C S37.429A C C S37.439A C C C C C C C C C C C C C C C C C C C	Other injury of urethra, initial encounter Unspecified injury of ovary, unilateral, initial encounter Unspecified injury of ovary, bilateral, initial encounter Unspecified injury of ovary, unspecified, initial encounter Contusion of ovary, unilateral, initial encounter Contusion of ovary, bilateral, initial encounter Contusion of ovary, unspecified, initial encounter acceration of ovary, unilateral, initial encounter acceration of ovary, bilateral, initial encounter acceration of ovary, unspecified, initial encounter Other injury of ovary, unilateral, initial encounter Other injury of ovary, bilateral, initial encounter	Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
S37.401A U S37.402A U S37.409A U S37.421A C S37.422A C S37.429A C S37.431A L S37.432A L S37.439A L S37.439A C	Unspecified injury of ovary, unilateral, initial encounter Unspecified injury of ovary, bilateral, initial encounter Unspecified injury of ovary, unspecified, initial encounter Contusion of ovary, unilateral, initial encounter Contusion of ovary, bilateral, initial encounter Contusion of ovary, unspecified, initial encounter acceration of ovary, unilateral, initial encounter acceration of ovary, bilateral, initial encounter acceration of ovary, unspecified, initial encounter Other injury of ovary, unilateral, initial encounter Other injury of ovary, bilateral, initial encounter	Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
S37.402A U S37.409A U S37.421A C S37.422A C S37.429A C S37.431A L S37.432A L S37.439A L S37.439A C	Unspecified injury of ovary, bilateral, initial encounter Unspecified injury of ovary, unspecified, initial encounter Contusion of ovary, unilateral, initial encounter Contusion of ovary, bilateral, initial encounter Contusion of ovary, unspecified, initial encounter acceration of ovary, unilateral, initial encounter acceration of ovary, bilateral, initial encounter acceration of ovary, unspecified, initial encounter Other injury of ovary, unilateral, initial encounter Other injury of ovary, bilateral, initial encounter	Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
S37.409A U S37.421A C S37.422A C S37.429A C S37.431A L S37.432A L S37.439A L S37.439A C	Unspecified injury of ovary, unspecified, initial encounter Contusion of ovary, unilateral, initial encounter Contusion of ovary, bilateral, initial encounter Contusion of ovary, unspecified, initial encounter acceration of ovary, unilateral, initial encounter acceration of ovary, bilateral, initial encounter acceration of ovary, unspecified, initial encounter acceration of ovary, unspecified, initial encounter Other injury of ovary, bilateral, initial encounter	Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
S37.421A C S37.422A C S37.429A C S37.431A L S37.432A L S37.439A L S37.439A C	Contusion of ovary, unilateral, initial encounter Contusion of ovary, bilateral, initial encounter Contusion of ovary, unspecified, initial encounter acceration of ovary, unilateral, initial encounter acceration of ovary, bilateral, initial encounter acceration of ovary, unspecified, initial encounter Other injury of ovary, unilateral, initial encounter Other injury of ovary, bilateral, initial encounter	Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
\$37.422A C \$37.429A C \$37.431A L \$37.432A L \$37.439A L \$37.491A C	Contusion of ovary, bilateral, initial encounter Contusion of ovary, unspecified, initial encounter acceration of ovary, unilateral, initial encounter acceration of ovary, bilateral, initial encounter acceration of ovary, unspecified, initial encounter Other injury of ovary, unilateral, initial encounter Other injury of ovary, bilateral, initial encounter	Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
\$37.429A C \$37.431A L \$37.432A L \$37.439A L \$37.491A C	Contusion of ovary, unspecified, initial encounter aceration of ovary, unilateral, initial encounter aceration of ovary, bilateral, initial encounter aceration of ovary, unspecified, initial encounter Other injury of ovary, unilateral, initial encounter Other injury of ovary, bilateral, initial encounter	Diagnosis Diagnosis Diagnosis Diagnosis Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
\$37.429A C \$37.431A L \$37.432A L \$37.439A L \$37.491A C	Contusion of ovary, unspecified, initial encounter aceration of ovary, unilateral, initial encounter aceration of ovary, bilateral, initial encounter aceration of ovary, unspecified, initial encounter Other injury of ovary, unilateral, initial encounter Other injury of ovary, bilateral, initial encounter	Diagnosis Diagnosis Diagnosis Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM ICD-10-CM
\$37.431A Li \$37.432A Li \$37.439A Li \$37.491A C	aceration of ovary, unilateral, initial encounter aceration of ovary, bilateral, initial encounter aceration of ovary, unspecified, initial encounter Other injury of ovary, unilateral, initial encounter Other injury of ovary, bilateral, initial encounter	Diagnosis Diagnosis Diagnosis Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM
\$37.432A La \$37.439A La \$37.491A C	aceration of ovary, bilateral, initial encounter aceration of ovary, unspecified, initial encounter Other injury of ovary, unilateral, initial encounter Other injury of ovary, bilateral, initial encounter	Diagnosis Diagnosis Diagnosis	ICD-10-CM ICD-10-CM ICD-10-CM
S37.439A L S37.491A C	aceration of ovary, unspecified, initial encounter Other injury of ovary, unilateral, initial encounter Other injury of ovary, bilateral, initial encounter	Diagnosis Diagnosis	ICD-10-CM
S37.491A C	Other injury of ovary, unilateral, initial encounter Other injury of ovary, bilateral, initial encounter	Diagnosis	ICD-10-CM
	Other injury of ovary, bilateral, initial encounter	-	
		U	ICD-10-CM
S37.499A C	Other injury of ovary, unspecified, initial encounter	Diagnosis	ICD-10-CM
	Inspecified injury of fallopian tube, unilateral, initial encounter	Diagnosis	ICD-10-CM
	Inspecified injury of fallopian tube, bilateral, initial encounter	Diagnosis	ICD-10-CM
	Inspecified injury of fallopian tube, unspecified, initial encounter	Diagnosis	ICD-10-CM
	rimary blast injury of fallopian tube, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.512A P	rimary blast injury of fallopian tube, bilateral, initial encounter	Diagnosis	ICD-10-CM
	rimary blast injury of fallopian tube, unspecified, initial encounter	Diagnosis	ICD-10-CM
	Contusion of fallopian tube, unilateral, initial encounter	Diagnosis	ICD-10-CM
	Contusion of fallopian tube, bilateral, initial encounter	Diagnosis	ICD-10-CM
	Contusion of fallopian tube, unspecified, initial encounter	Diagnosis	ICD-10-CM
	aceration of fallopian tube, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.532A L	aceration of fallopian tube, bilateral, initial encounter	Diagnosis	ICD-10-CM
	aceration of fallopian tube, unspecified, initial encounter	Diagnosis	ICD-10-CM
S37.591A C	Other injury of fallopian tube, unilateral, initial encounter	Diagnosis	ICD-10-CM
S37.592A C	Other injury of fallopian tube, bilateral, initial encounter	Diagnosis	ICD-10-CM
S37.599A C	Other injury of fallopian tube, unspecified, initial encounter	Diagnosis	ICD-10-CM
	Inspecified injury of uterus, initial encounter	Diagnosis	ICD-10-CM
	Contusion of uterus, initial encounter	Diagnosis	ICD-10-CM
	aceration of uterus, initial encounter	Diagnosis	ICD-10-CM
	Other injury of uterus, initial encounter	Diagnosis	ICD-10-CM
	Contusion of prostate, initial encounter	Diagnosis	ICD-10-CM
	aceration of prostate, initial encounter	Diagnosis	ICD-10-CM
	Other injury of prostate, initial encounter	Diagnosis	ICD-10-CM
	Inspecified injury of prostate, initial encounter	Diagnosis	ICD-10-CM
	Contusion of other urinary and pelvic organ, initial encounter	Diagnosis	ICD-10-CM

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

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

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Code	Description	Code Catego	ry Code Type
S42.017A	Nondisplaced fracture of sternal end of right clavicle, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S42.017B	Nondisplaced fracture of sternal end of right clavicle, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S42.018A	Nondisplaced fracture of sternal end of left clavicle, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S42.018B	Nondisplaced fracture of sternal end of left clavicle, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
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	Diagnosis	ICD-10-CM
	open fracture	· ·	
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	Diagnosis	ICD-10-CM
	fracture		
S42.023B	Displaced fracture of shaft of unspecified clavicle, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
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	_	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	Diagnosis	ICD-10-CM
	fracture	· ·	
S42.026B	Nondisplaced fracture of shaft of unspecified clavicle, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S42.031A	Displaced fracture of lateral end of right clavicle, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S42.031B	Displaced fracture of lateral end of right clavicle, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S42.032A	Displaced fracture of lateral end of left clavicle, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S42.032B	Displaced fracture of lateral end of left clavicle, initial encounter for open	Diagnosis	ICD-10-CM
S42.033A	Displaced fracture of lateral end of unspecified clavicle, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S42.033B	Displaced fracture of lateral end of unspecified clavicle, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		100 40 6: :
S42.034A	Nondisplaced fracture of lateral end of right clavicle, initial encounter for closed	Diagnosis	ICD-10-CM
642.6242	fracture	5	100 40 614
S42.034B	Nondisplaced fracture of lateral end of right clavicle, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		

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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
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

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Code	Description	Code Category	Code Type
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
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

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Code	Description	Code Category	Code Type
S42.136A	Nondisplaced fracture of coracoid process, unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S42.136B	Nondisplaced fracture of coracoid process, unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
	for open fracture		
S42.141A	Displaced fracture of glenoid cavity of scapula, right shoulder, initial encounter	Diagnosis	ICD-10-CM
C42 444D	for closed fracture	Diamania	ICD 40 CM
S42.141B	Displaced fracture of glenoid cavity of scapula, right shoulder, initial encounter	Diagnosis	ICD-10-CM
S42.142A	for open fracture Displaced fracture of glenoid cavity of scapula, left shoulder, initial encounter for	Diagnosis	ICD-10-CM
342.142A	closed fracture	Diagnosis	ICD-10-CIVI
S42.142B	Displaced fracture of glenoid cavity of scapula, left shoulder, initial encounter for	Diagnosis	ICD-10-CM
542.1425	open fracture	Diagnosis	TED TO CIVI
S42.143A	Displaced fracture of glenoid cavity of scapula, unspecified shoulder, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture	J	
S42.143B	Displaced fracture of glenoid cavity of scapula, unspecified shoulder, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S42.144A	Nondisplaced fracture of glenoid cavity of scapula, right shoulder, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S42.144B	Nondisplaced fracture of glenoid cavity of scapula, right shoulder, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S42.145A	Nondisplaced fracture of glenoid cavity of scapula, left shoulder, initial encounter	Diagnosis	ICD-10-CM
S42.145B	for closed fracture Nondisplaced fracture of glenoid cavity of scapula, left shoulder, initial encounter	Diagnosis	ICD-10-CM
342.1430	for open fracture	Diagnosis	ICD-10-CIVI
S42.146A	Nondisplaced fracture of glenoid cavity of scapula, unspecified shoulder, initial	Diagnosis	ICD-10-CM
0.2.2.07.	encounter for closed fracture	2.0800.0	.02 20 0
S42.146B	Nondisplaced fracture of glenoid cavity of scapula, unspecified shoulder, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S42.151A	Displaced fracture of neck of scapula, right shoulder, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S42.151B	Displaced fracture of neck of scapula, right shoulder, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S42.152A	Displaced fracture of neck of scapula, left shoulder, initial encounter for closed	Diagnosis	ICD-10-CM
C42 1E2D	fracture Displaced fracture of peak of scapula, left shoulder, initial ansaunter for one	Diagnasis	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	Diagnosis	ICD-10-CM
J72.1JJA	closed fracture	Diagnosis	ICD-TO-CIAI
S42.153B	Displaced fracture of neck of scapula, unspecified shoulder, initial encounter for	Diagnosis	ICD-10-CM
	open fracture	- 0	
S42.154A	Nondisplaced fracture of neck of scapula, right shoulder, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S42.154B	Nondisplaced fracture of neck of scapula, right shoulder, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		

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Code	Description	Code Category	Code Type
S42.155A	Nondisplaced fracture of neck of scapula, left shoulder, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture	-	
S42.155B	Nondisplaced fracture of neck of scapula, left shoulder, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S42.156A	Nondisplaced fracture of neck of scapula, unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S42.156B	Nondisplaced fracture of neck of scapula, unspecified shoulder, initial encounter	Diagnosis	ICD-10-CM
	for open fracture		
S42.191A	Fracture of other part of scapula, right shoulder, initial encounter for closed	Diagnosis	ICD-10-CM
C42 404 D	fracture	Diamonia	100 40 014
S42.191B	Fracture of other part of scapula, right shoulder, initial encounter for open	Diagnosis	ICD-10-CM
S42.192A	fracture Fracture of other part of scapula, left shoulder, initial encounter for closed	Diagnosis	ICD 10 CM
342.192A	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	Diagnosis	ICD-10-CM
342.13371	closed fracture	Diagnosis	TED TO CIVI
S42.199B	Fracture of other part of scapula, unspecified shoulder, initial encounter for open	Diagnosis	ICD-10-CM
	fracture	.0	
S42.201A	Unspecified fracture of upper end of right humerus, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	J	
S42.201B	Unspecified fracture of upper end of right humerus, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S42.202A	Unspecified fracture of upper end of left humerus, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S42.202B	Unspecified fracture of upper end of left humerus, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S42.209A	Unspecified fracture of upper end of unspecified humerus, initial encounter for	Diagnosis	ICD-10-CM
C42 200D	closed fracture	Diamania	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	Diagnosis	ICD-10-CM
J42.211A	for closed fracture	Diagnosis	ICD-10-CIVI
S42.211B	Unspecified displaced fracture of surgical neck of right humerus, initial encounter	Diagnosis	ICD-10-CM
	for open fracture		
S42.212A	Unspecified displaced fracture of surgical neck of left humerus, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S42.212B	Unspecified displaced fracture of surgical neck of left humerus, initial encounter	Diagnosis	ICD-10-CM
	for open fracture		
S42.213A	Unspecified displaced fracture of surgical neck of unspecified humerus, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S42.213B	Unspecified displaced fracture of surgical neck of unspecified humerus, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S42.214A	Unspecified nondisplaced fracture of surgical neck of right humerus, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		

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Code	Description	Code Categor	y Code Type
S42.214B	Unspecified nondisplaced fracture of surgical neck of right humerus, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S42.215A	Unspecified nondisplaced fracture of surgical neck of left humerus, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S42.215B	Unspecified nondisplaced fracture of surgical neck of left humerus, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S42.216A	Unspecified nondisplaced fracture of surgical neck of unspecified humerus, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S42.216B	Unspecified nondisplaced fracture of surgical neck of unspecified humerus, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S42.221A	2-part displaced fracture of surgical neck of right humerus, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S42.221B	2-part displaced fracture of surgical neck of right humerus, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S42.222A	2-part displaced fracture of surgical neck of left humerus, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S42.222B	2-part displaced fracture of surgical neck of left humerus, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S42.223A	2-part displaced fracture of surgical neck of unspecified humerus, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S42.223B	2-part displaced fracture of surgical neck of unspecified humerus, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S42.224A	2-part nondisplaced fracture of surgical neck of right humerus, initial encounter	Diagnosis	ICD-10-CM
C42 224D	for closed fracture	Diamonia	ICD 40 CM
S42.224B	2-part nondisplaced fracture of surgical neck of right humerus, initial encounter	Diagnosis	ICD-10-CM
C42 22EA	for open fracture	Diagnasis	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	Diagnosis	ICD-10-CM
342.2230	open fracture	Diagnosis	ICD-10-CIVI
S42.226A	2-part nondisplaced fracture of surgical neck of unspecified humerus, initial	Diagnosis	ICD-10-CM
5-12.2207	encounter for closed fracture	Diagnosis	ICD TO CIVI
S42.226B	2-part nondisplaced fracture of surgical neck of unspecified humerus, initial	Diagnosis	ICD-10-CM
0.1.1.202	encounter for open fracture	2.0800.0	
S42.231A	3-part fracture of surgical neck of right humerus, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	g	
S42.231B	3-part fracture of surgical neck of right humerus, initial encounter for open	Diagnosis	ICD-10-CM
-	fracture	5	
S42.232A	3-part fracture of surgical neck of left humerus, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	-	
S42.232B	3-part fracture of surgical neck of left humerus, initial encounter for open	Diagnosis	ICD-10-CM
S42.239A	3-part fracture of surgical neck of unspecified humerus, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
	closed fracture		
S42.239B	3-part fracture of surgical neck of unspecified humerus, initial encounter for open	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S42.241A	4-part fracture of surgical neck of right humerus, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	-	
S42.241B	4-part fracture of surgical neck of right humerus, initial encounter for open	Diagnosis	ICD-10-CM
	fracture	_	
S42.242A	4-part fracture of surgical neck of left humerus, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S42.242B	4-part fracture of surgical neck of left humerus, initial encounter for open	Diagnosis	ICD-10-CM
S42.249A	4-part fracture of surgical neck of unspecified humerus, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S42.249B	4-part fracture of surgical neck of unspecified humerus, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S42.251A	Displaced fracture of greater tuberosity of right humerus, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S42.251B	Displaced fracture of greater tuberosity of right humerus, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S42.252A	Displaced fracture of greater tuberosity of left humerus, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S42.252B	Displaced fracture of greater tuberosity of left humerus, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S42.253A	Displaced fracture of greater tuberosity of unspecified humerus, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S42.253B	Displaced fracture of greater tuberosity of unspecified humerus, initial encounter	Diagnosis	ICD-10-CM
	for open fracture		
S42.254A	Nondisplaced fracture of greater tuberosity of right humerus, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S42.254B	Nondisplaced fracture of greater tuberosity of right humerus, initial encounter	Diagnosis	ICD-10-CM
	for open fracture		
S42.255A	Nondisplaced fracture of greater tuberosity of left humerus, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S42.255B	Nondisplaced fracture of greater tuberosity of left humerus, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S42.256A	Nondisplaced fracture of greater tuberosity of unspecified humerus, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S42.256B	Nondisplaced fracture of greater tuberosity of unspecified humerus, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S42.261A	Displaced fracture of lesser tuberosity of right humerus, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S42.261B	Displaced fracture of lesser tuberosity of right humerus, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S42.262A	Displaced fracture of lesser tuberosity of left humerus, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S42.262B	Displaced fracture of lesser tuberosity of left humerus, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S42.263A	Displaced fracture of lesser tuberosity of unspecified humerus, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		

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Code	Description	Code Categor	y Code Type
S42.263B	Displaced fracture of lesser tuberosity of unspecified humerus, initial encounter	Diagnosis	ICD-10-CM
	for open fracture		
S42.264A	Nondisplaced fracture of lesser tuberosity of right humerus, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S42.264B	Nondisplaced fracture of lesser tuberosity of right humerus, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
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	Diagnosis	ICD-10-CM
	fracture	J	
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

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Code	Description	Code Catego	ry Code Type
S42.301B	Unspecified fracture of shaft of humerus, right arm, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S42.302A	Unspecified fracture of shaft of humerus, left arm, initial encounter for closed	Diagnosis	ICD-10-CM
C 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	fracture	.	100 40 014
S42.302B	Unspecified fracture of shaft of humerus, left arm, initial encounter for open	Diagnosis	ICD-10-CM
S42.309A	fracture Unspecified fracture of shaft of humerus, unspecified arm, initial encounter for	Diagnosis	ICD 10 CM
342.309A	closed fracture	Diagnosis	ICD-10-CM
S42.309B	Unspecified fracture of shaft of humerus, unspecified arm, initial encounter for	Diagnosis	ICD-10-CM
0.2.0035	open fracture	5146110313	105 10 0111
S42.311A	Greenstick fracture of shaft of humerus, right arm, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	J	
S42.312A	Greenstick fracture of shaft of humerus, left arm, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S42.319A	Greenstick fracture of shaft of humerus, unspecified arm, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S42.321A	Displaced transverse fracture of shaft of humerus, right arm, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		100 40 014
S42.321B	Displaced transverse fracture of shaft of humerus, right arm, initial encounter for	Diagnosis	ICD-10-CM
S42.322A	open fracture Displaced transverse fracture of shaft of humerus, left arm, initial encounter for	Diagnosis	ICD 10 CM
342.322A	closed fracture	Diagnosis	ICD-10-CM
S42.322B	Displaced transverse fracture of shaft of humerus, left arm, initial encounter for	Diagnosis	ICD-10-CM
0.1.0111	open fracture	2.0600.0	.02 20 0
S42.323A	Displaced transverse fracture of shaft of humerus, unspecified arm, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture	· ·	
S42.323B	Displaced transverse fracture of shaft of humerus, unspecified arm, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S42.324A	Nondisplaced transverse fracture of shaft of humerus, right arm, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S42.324B	Nondisplaced transverse fracture of shaft of humerus, right arm, initial encounter	Diagnosis	ICD-10-CM
C42 2254	for open fracture	Diamonia	ICD 40 CM
S42.325A	Nondisplaced transverse fracture of shaft of humerus, left arm, initial encounter	Diagnosis	ICD-10-CM
S42.325B	for closed fracture Nondisplaced transverse fracture of shaft of humerus, left arm, initial encounter	Diagnosis	ICD-10-CM
342.3230	for open fracture	Diagnosis	ICD-10-CIVI
S42.326A	Nondisplaced transverse fracture of shaft of humerus, unspecified arm, initial	Diagnosis	ICD-10-CM
0.2.020.	encounter for closed fracture	2.0800.0	.02 20 0
S42.326B	Nondisplaced transverse fracture of shaft of humerus, unspecified arm, initial	Diagnosis	ICD-10-CM
	encounter for open fracture	-	
S42.331A	Displaced oblique fracture of shaft of humerus, right arm, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S42.331B	Displaced oblique fracture of shaft of humerus, right arm, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		

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Code	Description	Code Category	Code Type
S42.332A	Displaced oblique fracture of shaft of humerus, left arm, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S42.332B	Displaced oblique fracture of shaft of humerus, left arm, initial encounter for	Diagnosis	ICD-10-CM
642.2224	open fracture	5	100 40 604
S42.333A	Displaced oblique fracture of shaft of humerus, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
C42 222D	for closed fracture	Diamenia	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	Diagnosis	ICD-10-CM
342.334A	for closed fracture	Diagnosis	ICD TO CIVI
S42.334B	Nondisplaced oblique fracture of shaft of humerus, right arm, initial encounter	Diagnosis	ICD-10-CM
	for open fracture	0	
S42.335A	Nondisplaced oblique fracture of shaft of humerus, left arm, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S42.335B	Nondisplaced oblique fracture of shaft of humerus, left arm, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S42.336A	Nondisplaced oblique fracture of shaft of humerus, unspecified arm, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S42.336B	Nondisplaced oblique fracture of shaft of humerus, unspecified arm, initial	Diagnosis	ICD-10-CM
C42 241 A	encounter for open fracture	Diamasia	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	Diagnosis	ICD-10-CM
342.3415	fracture	Diagnosis	TED TO CIVI
S42.342A	Displaced spiral fracture of shaft of humerus, left arm, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	J	
S42.342B	Displaced spiral fracture of shaft of humerus, left arm, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S42.343A	Displaced spiral fracture of shaft of humerus, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S42.343B	Displaced spiral fracture of shaft of humerus, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
642.2444	for open fracture	5	100 40 604
S42.344A	Nondisplaced spiral fracture of shaft of humerus, right arm, initial encounter for	Diagnosis	ICD-10-CM
S42.344B	closed fracture Nondisplaced spiral fracture of shaft of humerus, right arm, initial encounter for	Diagnosis	ICD-10-CM
344.344D	open fracture	Diagilusis	ICD-TO-CIAI
S42.345A	Nondisplaced spiral fracture of shaft of humerus, left arm, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture	_ ,0000.0	
S42.345B	Nondisplaced spiral fracture of shaft of humerus, left arm, initial encounter for	Diagnosis	ICD-10-CM
	open fracture	J	
S42.346A	Nondisplaced spiral fracture of shaft of humerus, unspecified arm, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S42.346B	Nondisplaced spiral fracture of shaft of humerus, unspecified arm, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		

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Code	Description	Code Catego	ory Code Type
S42.351A	Displaced comminuted fracture of shaft of humerus, right arm, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S42.351B	Displaced comminuted fracture of shaft of humerus, right arm, initial encounter	Diagnosis	ICD-10-CM
	for open fracture		
S42.352A	Displaced comminuted fracture of shaft of humerus, left arm, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S42.352B	Displaced comminuted fracture of shaft of humerus, left arm, initial encounter	Diagnosis	ICD-10-CM
	for open fracture		
S42.353A	Displaced comminuted fracture of shaft of humerus, unspecified arm, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S42.353B	Displaced comminuted fracture of shaft of humerus, unspecified arm, initial	Diagnosis	ICD-10-CM
C42.2544	encounter for open fracture	Di	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	Diagnosis	ICD-10-CM
342.3346	encounter for open fracture	Diagnosis	ICD-10-CIVI
S42.355A	Nondisplaced comminuted fracture of shaft of humerus, left arm, initial	Diagnosis	ICD-10-CM
342.333A	encounter for closed fracture	Diagnosis	ICD 10 CIVI
S42.355B	Nondisplaced comminuted fracture of shaft of humerus, left arm, initial	Diagnosis	ICD-10-CM
	encounter for open fracture	- 100.10010	
S42.356A	Nondisplaced comminuted fracture of shaft of humerus, unspecified arm, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S42.356B	Nondisplaced comminuted fracture of shaft of humerus, unspecified arm, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S42.361A	Displaced segmental fracture of shaft of humerus, right arm, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S42.361B	Displaced segmental fracture of shaft of humerus, right arm, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S42.362A	Displaced segmental fracture of shaft of humerus, left arm, initial encounter for	Diagnosis	ICD-10-CM
C42 2C2D	closed fracture	D : .	100 40 014
S42.362B	Displaced segmental fracture of shaft of humerus, left arm, initial encounter for	Diagnosis	ICD-10-CM
C42 262A	open fracture Displaced sogmental fracture of shaft of humarus, unspecified arm, initial	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	Diagnosis	ICD-10-CM
542.5050	encounter for open fracture	בומקווטטוט	ICD TO CIVI
S42.364A	Nondisplaced segmental fracture of shaft of humerus, right arm, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		.02 20 0
S42.364B	Nondisplaced segmental fracture of shaft of humerus, right arm, initial encounter	Diagnosis	ICD-10-CM
-	for open fracture	J	-
S42.365A	Nondisplaced segmental fracture of shaft of humerus, left arm, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S42.365B	Nondisplaced segmental fracture of shaft of humerus, left arm, initial encounter	Diagnosis	ICD-10-CM
	for open fracture		

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Code	Description	Code Category	Code Type
S42.366A	Nondisplaced segmental fracture of shaft of humerus, unspecified arm, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture	_	
S42.366B	Nondisplaced segmental fracture of shaft of humerus, unspecified arm, initial	Diagnosis	ICD-10-CM
	encounter for open fracture	_	
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	Diagnosis	ICD-10-CM
	fracture		
S42.399B	Other fracture of shaft of unspecified humerus, initial encounter for open	Diagnosis	ICD-10-CM
S42.401A	Unspecified fracture of lower end of right humerus, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S42.401B	Unspecified fracture of lower end of right humerus, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S42.402A	Unspecified fracture of lower end of left humerus, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S42.402B	Unspecified fracture of lower end of left humerus, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S42.409A	Unspecified fracture of lower end of unspecified humerus, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S42.409B	Unspecified fracture of lower end of unspecified humerus, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S42.411A	Displaced simple supracondylar fracture without intercondylar fracture of right	Diagnosis	ICD-10-CM
	humerus, initial encounter for closed fracture		
S42.411B	Displaced simple supracondylar fracture without intercondylar fracture of right	Diagnosis	ICD-10-CM
	humerus, initial encounter for open fracture		
S42.412A	Displaced simple supracondylar fracture without intercondylar fracture of left	Diagnosis	ICD-10-CM
	humerus, initial encounter for closed fracture		
S42.412B	Displaced simple supracondylar fracture without intercondylar fracture of left	Diagnosis	ICD-10-CM
	humerus, initial encounter for open fracture	<u>.</u>	100 10 011
S42.413A	Displaced simple supracondylar fracture without intercondylar fracture of	Diagnosis	ICD-10-CM
C42 442D	unspecified humerus, initial encounter for closed fracture	5	100 40 014
S42.413B	Displaced simple supracondylar fracture without intercondylar fracture of	Diagnosis	ICD-10-CM
C42 44 4 4	unspecified humerus, initial encounter for open fracture	Diamania	ICD 40 CM
S42.414A	Nondisplaced simple supracondylar fracture without intercondylar fracture of	Diagnosis	ICD-10-CM
C42 44 4D	right humerus, initial encounter for closed fracture	Diamania	ICD 40 CM
S42.414B	Nondisplaced simple supracondylar fracture without intercondylar fracture of	Diagnosis	ICD-10-CM
C42 41EA	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	บเสรีเเดรเร	ICD-10-CM
S42.415B		Diagnosis	ICD-10-CM
342.413D	Nondisplaced simple supracondylar fracture without intercondylar fracture of left humerus, initial encounter for open fracture	บเลซาเบรเร	ICD-10-CM
S42.416A	Nondisplaced simple supracondylar fracture without intercondylar fracture of	Diagnosis	ICD-10-CM
342.410A	unspecified humerus, initial encounter for closed fracture	บเลซาเบรเร	ICD-10-CM
	unspecineu numerus, initiai encountei foi cioseu nacture		

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Code	Description	Code Catego	ory Code Type
S42.416B	Nondisplaced simple supracondylar fracture without intercondylar fracture of	Diagnosis	ICD-10-CM
	unspecified humerus, initial encounter for open fracture		
S42.421A	Displaced comminuted supracondylar fracture without intercondylar fracture of	Diagnosis	ICD-10-CM
	right humerus, initial encounter for closed fracture		
S42.421B	Displaced comminuted supracondylar fracture without intercondylar fracture of	Diagnosis	ICD-10-CM
	right humerus, initial encounter for open fracture		
S42.422A	Displaced comminuted supracondylar fracture without intercondylar fracture of	Diagnosis	ICD-10-CM
	left humerus, initial encounter for closed fracture		
S42.422B	Displaced comminuted supracondylar fracture without intercondylar fracture of	Diagnosis	ICD-10-CM
	left humerus, initial encounter for open fracture		
S42.423A	Displaced comminuted supracondylar fracture without intercondylar fracture of	Diagnosis	ICD-10-CM
	unspecified humerus, initial encounter for closed fracture		
S42.423B	Displaced comminuted supracondylar fracture without intercondylar fracture of	Diagnosis	ICD-10-CM
	unspecified humerus, initial encounter for open fracture		
S42.424A	Nondisplaced comminuted supracondylar fracture without intercondylar fracture	Diagnosis	ICD-10-CM
	of right humerus, initial encounter for closed fracture		
S42.424B	Nondisplaced comminuted supracondylar fracture without intercondylar fracture	Diagnosis	ICD-10-CM
	of right humerus, initial encounter for open fracture		
S42.425A	Nondisplaced comminuted supracondylar fracture without intercondylar fracture	Diagnosis	ICD-10-CM
	of left humerus, initial encounter for closed fracture		
S42.425B	Nondisplaced comminuted supracondylar fracture without intercondylar fracture	Diagnosis	ICD-10-CM
	of left humerus, initial encounter for open fracture		
S42.426A	Nondisplaced comminuted supracondylar fracture without intercondylar fracture	Diagnosis	ICD-10-CM
	of unspecified humerus, initial encounter for closed fracture		
S42.426B	Nondisplaced comminuted supracondylar fracture without intercondylar fracture	Diagnosis	ICD-10-CM
	of unspecified humerus, initial encounter for open fracture		
S42.431A	Displaced fracture (avulsion) of lateral epicondyle of right humerus, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S42.431B	Displaced fracture (avulsion) of lateral epicondyle of right humerus, initial	Diagnosis	ICD-10-CM
642 4224	encounter for open fracture	.	100 40 614
S42.432A	Displaced fracture (avulsion) of lateral epicondyle of left humerus, initial	Diagnosis	ICD-10-CM
C42 422D	encounter for closed fracture	Di	ICD 40 CM
S42.432B	Displaced fracture (avulsion) of lateral epicondyle of left humerus, initial	Diagnosis	ICD-10-CM
C42 422A	encounter for open fracture	Diamonia	ICD 10 CM
S42.433A	Displaced fracture (avulsion) of lateral epicondyle of unspecified humerus, initial	Diagnosis	ICD-10-CM
C42 422D	encounter for closed fracture Displaced fracture (ayulcian) of lateral enicondula of unspecified hymerus, initial	Diagnosis	ICD 10 CM
S42.433B	Displaced fracture (avulsion) of lateral epicondyle of unspecified humerus, initial	Diagnosis	ICD-10-CM
C/12 /12//	encounter for open fracture Nondisplaced fracture (avulsion) of lateral epicondyle of right humerus, initial	Diagnosis	ICD-10-CM
S42.434A	encounter for closed fracture	Diagnosis	ICD-TO-CIAI
S42.434B	Nondisplaced fracture (avulsion) of lateral epicondyle of right humerus, initial	Diagnosis	ICD-10-CM
J42.434D	encounter for open fracture	סומצווטאוט	ICD-TO-CIAI
S42.435A	Nondisplaced fracture (avulsion) of lateral epicondyle of left humerus, initial	Diagnosis	ICD-10-CM
J72.7JJA	encounter for closed fracture	שומקווטאוט	ICD-TO-CIAI
	encounter for closed fracture		

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Code	Description	Code Catego	ory Code Type
S42.435B	Nondisplaced fracture (avulsion) of lateral epicondyle of left humerus, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S42.436A	Nondisplaced fracture (avulsion) of lateral epicondyle of unspecified humerus,	Diagnosis	ICD-10-CM
	initial encounter for closed fracture		
S42.436B	Nondisplaced fracture (avulsion) of lateral epicondyle of unspecified humerus,	Diagnosis	ICD-10-CM
	initial encounter for open fracture		
S42.441A	Displaced fracture (avulsion) of medial epicondyle of right humerus, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S42.441B	Displaced fracture (avulsion) of medial epicondyle of right humerus, initial	Diagnosis	ICD-10-CM
C42 4424	encounter for open fracture	Di	ICD 40 CM
S42.442A	Displaced fracture (avulsion) of medial epicondyle of left humerus, initial	Diagnosis	ICD-10-CM
S42.442B	encounter for closed fracture Displaced fracture (avulsion) of modial enicondula of left humanus, initial	Diagnosis	ICD 10 CM
342.44ZD	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	Diagnosis	ICD-10-CM
342.443A	encounter for closed fracture	Diagnosis	ICD-10-CIVI
S42.443B	Displaced fracture (avulsion) of medial epicondyle of unspecified humerus, initial	Diagnosis	ICD-10-CM
342.4436	encounter for open fracture	Diagnosis	ICD IO CIVI
S42.444A	Nondisplaced fracture (avulsion) of medial epicondyle of right humerus, initial	Diagnosis	ICD-10-CM
•	encounter for closed fracture	- 10011011	
S42.444B	Nondisplaced fracture (avulsion) of medial epicondyle of right humerus, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S42.445A	Nondisplaced fracture (avulsion) of medial epicondyle of left humerus, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S42.445B	Nondisplaced fracture (avulsion) of medial epicondyle of left humerus, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S42.446A	Nondisplaced fracture (avulsion) of medial epicondyle of unspecified humerus,	Diagnosis	ICD-10-CM
	initial encounter for closed fracture		
S42.446B	Nondisplaced fracture (avulsion) of medial epicondyle of unspecified humerus,	Diagnosis	ICD-10-CM
	initial encounter for open fracture		
S42.447A	Incarcerated fracture (avulsion) of medial epicondyle of right humerus, initial	Diagnosis	ICD-10-CM
C42 447D	encounter for closed fracture	5	100.40.604
S42.447B	Incarcerated fracture (avulsion) of medial epicondyle of right humerus, initial	Diagnosis	ICD-10-CM
C42 440A	encounter for open fracture	Diamonia	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	Diagnosis	ICD-10-CM
342.4400	encounter for open fracture	Diagnosis	ICD-10-CIVI
S42.449A	Incarcerated fracture (avulsion) of medial epicondyle of unspecified humerus,	Diagnosis	ICD-10-CM
J-72.77JA	initial encounter for closed fracture	Piagilosis	ICD TO CIVI
S42.449B	Incarcerated fracture (avulsion) of medial epicondyle of unspecified humerus,	Diagnosis	ICD-10-CM
· · • •	initial encounter for open fracture		
S42.451A	Displaced fracture of lateral condyle of right humerus, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	J	

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Code	Description	Code Category	Code Type
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
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

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Code	Description	Code Categor	y Code Type
S42.466B	Nondisplaced fracture of medial condyle of unspecified humerus, initial	Diagnosis	ICD-10-CM
	encounter for open fracture		
S42.471A	Displaced transcondylar fracture of right humerus, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S42.471B	Displaced transcondylar fracture of right humerus, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
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	Diagnosis	ICD-10-CM
342.4720	fracture	Diagnosis	ICD-10-CIVI
S42.473A	Displaced transcondylar fracture of unspecified humerus, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture	J	
S42.473B	Displaced transcondylar fracture of unspecified humerus, initial encounter for	Diagnosis	ICD-10-CM
	open fracture		
S42.474A	Nondisplaced transcondylar fracture of right humerus, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S42.474B	Nondisplaced transcondylar fracture of right humerus, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S42.475A	Nondisplaced transcondylar fracture of left humerus, initial encounter for closed	Diagnosis	ICD-10-CM
640 4750	fracture		100 10 011
S42.475B	Nondisplaced transcondylar fracture of left humerus, initial encounter for open	Diagnosis	ICD-10-CM
S42.476A	fracture Nondisplaced transcondylar fracture of unspecified humerus, initial encounter for	Diagnosis	ICD-10-CM
342.470A	closed fracture	Diagnosis	ICD-10-CIVI
S42.476B	Nondisplaced transcondylar fracture of unspecified humerus, initial encounter for	Diagnosis	ICD-10-CM
312.1705	open fracture	2108110313	100 10 0111
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	Diagnosis	ICD-10-CM
	fracture		
S42.491A	Other displaced fracture of lower end of right humerus, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S42.491B	Other displaced fracture of lower end of right humerus, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
S42.492A	Other displaced fracture of lower end of left humerus, initial encounter for closed	Diagnosis	ICD-10-CM
642 4665	fracture	D: .	100.40.614
S42.492B	Other displaced fracture of lower end of left humerus, initial encounter for open	Diagnosis	ICD-10-CM
C42 4024	fracture Other displaced fracture of lower and of unconsided humanus, initial encounter	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	Diagnosis	ICD-10-CM
J42.433D	for open fracture	Diagnosis	ICD-TO-CIVI
S42.494A	Other nondisplaced fracture of lower end of right humerus, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture	05515	
	-		

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Code	Description	Code Catego	y Code Type
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
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
S47.9XXA	Crushing injury of shoulder and upper arm, unspecified arm, initial encounter	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

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Code	Description	Code Catego	ry Code Type
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
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

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Code	Description	Code Catego	ry Code Type
S49.149A	Salter-Harris Type IV physeal fracture of lower end of humerus, unspecified arm,	Diagnosis	ICD-10-CM
	initial encounter for closed fracture		
S49.191A	Other physeal fracture of lower end of humerus, right arm, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S49.192A	Other physeal fracture of lower end of humerus, left arm, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S49.199A	Other physeal fracture of lower end of humerus, unspecified arm, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S52.001A	Unspecified fracture of upper end of right ulna, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S52.001B	Unspecified fracture of upper end of right ulna, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S52.001C	Unspecified fracture of upper end of right ulna, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S52.002A	Unspecified fracture of upper end of left ulna, initial encounter for closed	Diagnosis	ICD-10-CM
S52.002B	Unspecified fracture of upper end of left ulna, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type I or II		
S52.002C	Unspecified fracture of upper end of left ulna, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		
S52.009A	Unspecified fracture of upper end of unspecified ulna, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S52.009B	Unspecified fracture of upper end of unspecified ulna, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S52.009C	Unspecified fracture of upper end of unspecified ulna, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	fracture		100 10 011
S52.021A	Displaced fracture of olecranon process without intraarticular extension of right	Diagnosis	ICD-10-CM
CE2 024B	ulna, initial encounter for closed fracture	Diamonia	100 40 604
S52.021B	Displaced fracture of olecranon process without intraarticular extension of right	Diagnosis	ICD-10-CM
CE2 024C	ulna, initial encounter for open fracture type I or II	Diamonia	16D 40 6M
S52.021C	Displaced fracture of olecranon process without intraarticular extension of right	Diagnosis	ICD-10-CM
CE2 0224	ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diamonia	16D 40 6M
S52.022A	Displaced fracture of olecranon process without intraarticular extension of left	Diagnosis	ICD-10-CM
CE2 022D	ulna, initial encounter for closed fracture	Diamoria	ICD 10 CM
S52.022B	Displaced fracture of olecranon process without intraarticular extension of left	Diagnosis	ICD-10-CM
CE2 022C	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	Diagnosis	ICD-10-CM
CE2 0224	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	Diagnosis	ICD-10-CM
CE3 0330	unspecified ulna, initial encounter for closed fracture	Diagnasia	ICD 10 CM
S52.023B	Displaced fracture of olecranon process without intraarticular extension of	Diagnosis	ICD-10-CM
	unspecified ulna, initial encounter for open fracture type I or II		

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Code	Description	Code Catego	ory Code Type
S52.023C	Displaced fracture of olecranon process without intraarticular extension of	Diagnosis	ICD-10-CM
	unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC		
S52.024A	Nondisplaced fracture of olecranon process without intraarticular extension of	Diagnosis	ICD-10-CM
	right ulna, initial encounter for closed fracture		
S52.024B	Nondisplaced fracture of olecranon process without intraarticular extension of	Diagnosis	ICD-10-CM
	right ulna, initial encounter for open fracture type I or II		
S52.024C	Nondisplaced fracture of olecranon process without intraarticular extension of	Diagnosis	ICD-10-CM
	right ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC		
S52.025A	Nondisplaced fracture of olecranon process without intraarticular extension of	Diagnosis	ICD-10-CM
	left ulna, initial encounter for closed fracture		
S52.025B	Nondisplaced fracture of olecranon process without intraarticular extension of	Diagnosis	ICD-10-CM
	left ulna, initial encounter for open fracture type I or II		
S52.025C	Nondisplaced fracture of olecranon process without intraarticular extension of	Diagnosis	ICD-10-CM
	left ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC		
S52.026A	Nondisplaced fracture of olecranon process without intraarticular extension of	Diagnosis	ICD-10-CM
	unspecified ulna, initial encounter for closed fracture		
S52.026B	Nondisplaced fracture of olecranon process without intraarticular extension of	Diagnosis	ICD-10-CM
	unspecified ulna, initial encounter for open fracture type I or II		
S52.026C	Nondisplaced fracture of olecranon process without intraarticular extension of	Diagnosis	ICD-10-CM
	unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC		
S52.031A	Displaced fracture of olecranon process with intraarticular extension of right	Diagnosis	ICD-10-CM
CE2 024D	ulna, initial encounter for closed fracture	Diagrapia	ICD 10 CM
S52.031B	Displaced fracture of olecranon process with intraarticular extension of right	Diagnosis	ICD-10-CM
S52.031C	ulna, initial encounter for open fracture type I or II Displaced fracture of olecranon process with intraarticular extension of right	Diagnosis	ICD 10 CM
352.051C	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,	Diagnosis	ICD-10-CM
332.032A	initial encounter for closed fracture	Diagnosis	ICD-10-CIVI
S52.032B	Displaced fracture of olecranon process with intraarticular extension of left ulna,	Diagnosis	ICD-10-CM
332.0325	initial encounter for open fracture type I or II	Diagnosis	ICD TO CIVI
S52.032C	Displaced fracture of olecranon process with intraarticular extension of left ulna,	Diagnosis	ICD-10-CM
002.0020	initial encounter for open fracture type IIIA, IIIB, or IIIC	2148.16616	.02 20 0
S52.033A	Displaced fracture of olecranon process with intraarticular extension of	Diagnosis	ICD-10-CM
	unspecified ulna, initial encounter for closed fracture	. 6	
S52.033B	Displaced fracture of olecranon process with intraarticular extension of	Diagnosis	ICD-10-CM
	unspecified ulna, initial encounter for open fracture type I or II	G	
S52.033C	Displaced fracture of olecranon process with intraarticular extension of	Diagnosis	ICD-10-CM
	unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC	Ũ	
S52.034A	Nondisplaced fracture of olecranon process with intraarticular extension of right	Diagnosis	ICD-10-CM
	ulna, initial encounter for closed fracture	-	
S52.034B	Nondisplaced fracture of olecranon process with intraarticular extension of right	Diagnosis	ICD-10-CM
	ulna, initial encounter for open fracture type I or II		
S52.034C	Nondisplaced fracture of olecranon process with intraarticular extension of right	Diagnosis	ICD-10-CM
	ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC		

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Code	Description	Code Catego	ory Code Type
S52.035A	Nondisplaced fracture of olecranon process with intraarticular extension of left	Diagnosis	ICD-10-CM
	ulna, initial encounter for closed fracture		
S52.035B	Nondisplaced fracture of olecranon process with intraarticular extension of left	Diagnosis	ICD-10-CM
	ulna, initial encounter for open fracture type I or II		
S52.035C	Nondisplaced fracture of olecranon process with intraarticular extension of left	Diagnosis	ICD-10-CM
	ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC		
S52.036A	Nondisplaced fracture of olecranon process with intraarticular extension of	Diagnosis	ICD-10-CM
	unspecified ulna, initial encounter for closed fracture		
S52.036B	Nondisplaced fracture of olecranon process with intraarticular extension of	Diagnosis	ICD-10-CM
	unspecified ulna, initial encounter for open fracture type I or II		
S52.036C	Nondisplaced fracture of olecranon process with intraarticular extension of	Diagnosis	ICD-10-CM
	unspecified ulna, initial encounter for open fracture type IIIA, IIIB, or IIIC		
S52.041A	Displaced fracture of coronoid process of right ulna, initial encounter for closed	Diagnosis	ICD-10-CM
CE2 044 D	fracture	5	100 40 614
S52.041B	Displaced fracture of coronoid process of right ulna, initial encounter for open	Diagnosis	ICD-10-CM
CE2 041C	fracture type I or II	Diagrapia	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	Diagnosis	ICD 10 CM
352.U42A	fracture	Diagnosis	ICD-10-CM
S52.042B	Displaced fracture of coronoid process of left ulna, initial encounter for open	Diagnosis	ICD-10-CM
332.0420	fracture type I or II	Diagnosis	ICD-10-CIVI
S52.042C	Displaced fracture of coronoid process of left ulna, initial encounter for open	Diagnosis	ICD-10-CM
002.0.20	fracture type IIIA, IIIB, or IIIC	2148.100.0	.02 20 0
S52.043A	Displaced fracture of coronoid process of unspecified ulna, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture	.0	
S52.043B	Displaced fracture of coronoid process of unspecified ulna, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II	-	
S52.043C	Displaced fracture of coronoid process of unspecified ulna, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
S52.044A	Nondisplaced fracture of coronoid process of right ulna, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S52.044B	Nondisplaced fracture of coronoid process of right ulna, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II		
S52.044C	Nondisplaced fracture of coronoid process of right ulna, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
S52.045A	Nondisplaced fracture of coronoid process of left ulna, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S52.045B	Nondisplaced fracture of coronoid process of left ulna, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S52.045C	Nondisplaced fracture of coronoid process of left ulna, initial encounter for open	Diagnosis	ICD-10-CM
652 6464	fracture type IIIA, IIIB, or IIIC	D: :	100 40 614
S52.046A	Nondisplaced fracture of coronoid process of unspecified ulna, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		

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Code	Description	Code Category	Code Type
S52.046B	Nondisplaced fracture of coronoid process of unspecified ulna, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type I or II	-	
S52.046C	Nondisplaced fracture of coronoid process of unspecified ulna, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	l or II		
S52.091C	Other fracture of upper end of right ulna, initial encounter for open fracture type	Diagnosis	ICD-10-CM
	IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	or II		
S52.092C	Other fracture of upper end of left ulna, initial encounter for open fracture type	Diagnosis	ICD-10-CM
	IIIA, IIIB, or IIIC		
S52.099A	Other fracture of upper end of unspecified ulna, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S52.099B	Other fracture of upper end of unspecified ulna, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S52.099C	Other fracture of upper end of unspecified ulna, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S52.101A	Unspecified fracture of upper end of right radius, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S52.101B	Unspecified fracture of upper end of right radius, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S52.101C	Unspecified fracture of upper end of right radius, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S52.102A	Unspecified fracture of upper end of left radius, initial encounter for closed	Diagnosis	ICD-10-CM
000 4000	fracture		100 10 01 5
S52.102B	Unspecified fracture of upper end of left radius, initial encounter for open	Diagnosis	ICD-10-CM
CE2 4020	fracture type I or II	Diame '	ICD 40 CN4
S52.102C	Unspecified fracture of upper end of left radius, initial encounter for open	Diagnosis	ICD-10-CM
CE2 400 A	fracture type IIIA, IIIB, or IIIC	Diament:	ICD 10 CM
S52.109A	Unspecified fracture of upper end of unspecified radius, initial encounter for	Diagnosis	ICD-10-CM
CE2 100D	closed fracture	Diagnosis	ICD 10 CM
S52.109B	Unspecified fracture of upper end of unspecified radius, initial encounter for	Diagnosis	ICD-10-CM
SE2 100C	open fracture type I or II	Diagnosis	ICD 10 CM
S52.109C	Unspecified fracture of upper end of unspecified radius, initial encounter for	Diagnosis	ICD-10-CM
S52.111A	open fracture type IIIA, IIIB, or IIIC Torus fracture of upper end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.111A S52.112A	Torus fracture of upper end of right radius, initial encounter for closed fracture Torus fracture of upper end of left radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.112A S52.119A	Torus fracture of upper end of unspecified radius, initial encounter for closed	Diagnosis	ICD-10-CM
JJ2.11JH	fracture	Diagnosis	ICD-TO-CIAI
S52.121A	Displaced fracture of head of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.121A	Displaced fracture of head of right radius, initial encounter for open fracture type		ICD-10-CM
JJ2.121D	I or II	Diagnosis	ICD TO CIVI
	I VI II		

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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		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

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Code	Description	Code Category	/ Code Type
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	Diagnosis	ICD-10-CM
332.1340	type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CIVI
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	Diagnosis	ICD-10-CM
	type I or II	_	
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	Diagnosis	ICD-10-CM
	type I or II		
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

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Code	Description	Code Catego	ry Code Type
S52.209B	Unspecified fracture of shaft of unspecified ulna, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S52.209C	Unspecified fracture of shaft of unspecified ulna, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
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
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

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Code	Description	Code Catego	ry Code Type
S52.231A	Displaced oblique fracture of shaft of right ulna, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
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	Diagnosis	ICD-10-CM
S52.232B	Displaced oblique fracture of shaft of left ulna, initial encounter for open fracture	_	ICD-10-CM
	type I or II		ICD-10-CIVI
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	Diagnosis	ICD-10-CM
S52.234C	fracture type I or II Nondisplaced oblique fracture of shaft of right ulna, initial encounter for open	Diagnosis	ICD-10-CM
S52.235A	fracture type IIIA, IIIB, or IIIC Nondisplaced oblique fracture of shaft of left ulna, initial encounter for closed	Diagnosis	ICD-10-CM
S52.235B	fracture Nondisplaced oblique fracture of shaft of left ulna, initial encounter for open	Diagnosis	ICD-10-CM
S52.235C	fracture type I or II 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	Diagnosis	ICD-10-CM

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Code	Description	Code Categor	y Code Type
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
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

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Code	Description	Code Categor	y Code Type
S52.254A	Nondisplaced comminuted fracture of shaft of ulna, right arm, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S52.254B	Nondisplaced comminuted fracture of shaft of ulna, right arm, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type I or II		
S52.254C	Nondisplaced comminuted fracture of shaft of ulna, right arm, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type IIIA, IIIB, or IIIC		
S52.255A	Nondisplaced comminuted fracture of shaft of ulna, left arm, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S52.255B	Nondisplaced comminuted fracture of shaft of ulna, left arm, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II		
S52.255C	Nondisplaced comminuted fracture of shaft of ulna, left arm, initial encounter for	Diagnosis	ICD-10-CM
652.2564	open fracture type IIIA, IIIB, or IIIC	5	100 40 604
S52.256A	Nondisplaced comminuted fracture of shaft of ulna, unspecified arm, initial	Diagnosis	ICD-10-CM
S52.256B	encounter for closed fracture	Diagnosis	ICD 10 CM
352.2506	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	Diagnosis	ICD-10-CM
332.2300	encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CIVI
S52.261A	Displaced segmental fracture of shaft of ulna, right arm, initial encounter for	Diagnosis	ICD-10-CM
332.2017	closed fracture	Diagnosis	TED TO CIVI
S52.261B	Displaced segmental fracture of shaft of ulna, right arm, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II	.0	
S52.261C	Displaced segmental fracture of shaft of ulna, right arm, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
S52.262A	Displaced segmental fracture of shaft of ulna, left arm, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S52.262B	Displaced segmental fracture of shaft of ulna, left arm, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S52.262C	Displaced segmental fracture of shaft of ulna, left arm, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S52.263A	Displaced segmental fracture of shaft of ulna, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		100 10 011
S52.263B	Displaced segmental fracture of shaft of ulna, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
CE2 2C2C	for open fracture type I or II	Diamonia	ICD 40 CM
S52.263C	Displaced segmental fracture of shaft of ulna, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
CE2 264A	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	Diagnosis	ICD-10-CM
332.2U4D	open fracture type I or II	DiagiiU313	ICD-TO-CIAI
S52.264C	Nondisplaced segmental fracture of shaft of ulna, right arm, initial encounter for	Diagnosis	ICD-10-CM
332.2040	open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD TO CIVI
S52.265A	Nondisplaced segmental fracture of shaft of ulna, left arm, initial encounter for	Diagnosis	ICD-10-CM
-5	closed fracture		

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Code	Description	Code Catego	ry Code Type
S52.265B	Nondisplaced segmental fracture of shaft of ulna, left arm, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II		
S52.265C	Nondisplaced segmental fracture of shaft of ulna, left arm, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
S52.266A	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S52.266B	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type I or II		
S52.266C	Nondisplaced segmental fracture of shaft of ulna, unspecified arm, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type IIIA, IIIB, or IIIC		
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,	Diagnosis	ICD-10-CM
	IIIB, or IIIC		
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,	Diagnosis	ICD-10-CM
	or IIIC		
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	Diagnosis	ICD-10-CM
	l or II		
S52.279C	Monteggia's fracture of unspecified ulna, initial encounter for open fracture type	Diagnosis	ICD-10-CM
	IIIA, IIIB, or IIIC		
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,	Diagnosis	ICD-10-CM
	or IIIC		
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	•	ICD-10-CM
S52.291C	Other fracture of shaft of right ulna, initial encounter for open fracture type IIIA,	Diagnosis	ICD-10-CM
	IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
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Code	Description	Code Categor	y Code Type
S52.299C	Other fracture of shaft of unspecified ulna, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC	_	
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	Diagnosis	ICD-10-CM
	type I or II		
S52.301C	Unspecified fracture of shaft of right radius, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
CE2 2020	type I or II	5	100.40.604
S52.302C	Unspecified fracture of shaft of left radius, initial encounter for open fracture	Diagnosis	ICD-10-CM
CE 2 200 V	type IIIA, IIIB, or IIIC Unspecified fracture of shaft of unspecified radius, initial encounter for closed	Diagnosis	ICD 10 CM
S52.309A	fracture	Diagnosis	ICD-10-CM
S52.309B	Unspecified fracture of shaft of unspecified radius, initial encounter for open	Diagnosis	ICD-10-CM
332.3036	fracture type I or II	Diagnosis	ICD TO CIVI
S52.309C	Unspecified fracture of shaft of unspecified radius, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC	g	
S52.311A	Greenstick fracture of shaft of radius, right arm, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	J	
S52.312A	Greenstick fracture of shaft of radius, left arm, initial encounter for closed	Diagnosis	ICD-10-CM
S52.319A	Greenstick fracture of shaft of radius, unspecified arm, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S52.321A	Displaced transverse fracture of shaft of right radius, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S52.321B	Displaced transverse fracture of shaft of right radius, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S52.321C	Displaced transverse fracture of shaft of right radius, initial encounter for open	Diagnosis	ICD-10-CM
CE3 2324	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	Diagnosis	ICD-10-CM
332.3220	fracture type I or II	Diagnosis	ICD TO CIVI
S52.322C	Displaced transverse fracture of shaft of left radius, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S52.323A	Displaced transverse fracture of shaft of unspecified radius, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture	J	
S52.323B	Displaced transverse fracture of shaft of unspecified radius, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II		
S52.323C	Displaced transverse fracture of shaft of unspecified radius, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
S52.324A	Nondisplaced transverse fracture of shaft of right radius, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S52.324B	Nondisplaced transverse fracture of shaft of right radius, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II		

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Code	Description	Code Category	Code Type
S52.324C	Nondisplaced transverse fracture of shaft of right radius, initial encounter for	Diagnosis	ICD-10-CM
S52.325A	open fracture type IIIA, IIIB, or IIIC 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
S52.335C	Nondisplaced oblique fracture of shaft of left radius, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM

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Code	Description	Code Category	/ Code Type
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
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

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Code	Description		ry Code Type
S52.351B	Displaced comminuted fracture of shaft of radius, right arm, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II		
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
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

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Code	Description	Code Catego	ry Code Type
S52.362C	Displaced segmental fracture of shaft of radius, left arm, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
S52.363A	Displaced segmental fracture of shaft of radius, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S52.363B	Displaced segmental fracture of shaft of radius, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type I or II		
S52.363C	Displaced segmental fracture of shaft of radius, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type IIIA, IIIB, or IIIC		
S52.364A	Nondisplaced segmental fracture of shaft of radius, right arm, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S52.364B	Nondisplaced segmental fracture of shaft of radius, right arm, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type I or II		
S52.364C	Nondisplaced segmental fracture of shaft of radius, right arm, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type IIIA, IIIB, or IIIC		
S52.365A	Nondisplaced segmental fracture of shaft of radius, left arm, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S52.365B	Nondisplaced segmental fracture of shaft of radius, left arm, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II		
S52.365C	Nondisplaced segmental fracture of shaft of radius, left arm, initial encounter for	Diagnosis	ICD-10-CM
CE2 2CC4	open fracture type IIIA, IIIB, or IIIC	5	100 40 604
S52.366A	Nondisplaced segmental fracture of shaft of radius, unspecified arm, initial	Diagnosis	ICD-10-CM
CE2 266D	encounter for closed fracture Nandisplaced cognoptal fracture of shaft of radius, unspecified arm, initial	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	Diagnosis	ICD-10-CM
332.3000	encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CIVI
S52.371A	Galeazzi's fracture of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.371A	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 I of III	Diagnosis	ICD-10-CM
332.3710	IIIB, or IIIC	Diagnosis	TOD TO CIVI
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,	Diagnosis	ICD-10-CM
	or IIIC	. 0	
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	Diagnosis	ICD-10-CM
	or II	J	
S52.379C	Galeazzi's fracture of unspecified radius, initial encounter for open fracture type	Diagnosis	ICD-10-CM
	IIIA, IIIB, or IIIC	_	
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

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Code	Description	Code Category	y Code Type
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
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

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Code	Description	Code Category	Code Type
S52.512A	Displaced fracture of left radial styloid process, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S52.512B	Displaced fracture of left radial styloid process, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type I or II		
S52.512C	Displaced fracture of left radial styloid process, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		
S52.513A	Displaced fracture of unspecified radial styloid process, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S52.513B	Displaced fracture of unspecified radial styloid process, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S52.513C	Displaced fracture of unspecified radial styloid process, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S52.514A	Nondisplaced fracture of right radial styloid process, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S52.514B	Nondisplaced fracture of right radial styloid process, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S52.514C	Nondisplaced fracture of right radial styloid process, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S52.515A	Nondisplaced fracture of left radial styloid process, initial encounter for closed	Diagnosis	ICD-10-CM
CEO E4ED	fracture	5	100 40 014
S52.515B	Nondisplaced fracture of left radial styloid process, initial encounter for open	Diagnosis	ICD-10-CM
CE2 E4EC	fracture type I or II	Dia ana asia	ICD 40 CM
S52.515C	Nondisplaced fracture of left radial styloid process, initial encounter for open	Diagnosis	ICD-10-CM
S52.516A	fracture type IIIA, IIIB, or IIIC Nondisplaced fracture of unspecified radial styloid process, initial encounter for	Diagnosis	ICD 10 CM
332.310A	closed fracture	Diagnosis	ICD-10-CM
S52.516B	Nondisplaced fracture of unspecified radial styloid process, initial encounter for	Diagnosis	ICD-10-CM
332.3100	open fracture type I or II	Diagnosis	ICD-10-CIVI
S52.516C	Nondisplaced fracture of unspecified radial styloid process, initial encounter for	Diagnosis	ICD-10-CM
332.3100	open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CIVI
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	Diagnosis	ICD-10-CM
552.52571	fracture	D146110313	100 10 0111
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	-	ICD-10-CM
	IIIC	5	
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	Diagnosis	ICD-10-CM
	IIIC	-	
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	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S52.539C	Colles' fracture of unspecified radius, initial encounter for open fracture type IIIA,	Diagnosis	ICD-10-CM
	IIIB, or IIIC		
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,	Diagnosis	ICD-10-CM
	or IIIC		
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	-	ICD-10-CM
	II .	-	
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

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Code	Description	Code Category	y Code Type
S52.569C	Barton's fracture of unspecified radius, initial encounter for open fracture type	Diagnosis	ICD-10-CM
	IIIA, IIIB, or IIIC		
S52.571A	Other intraarticular fracture of lower end of right radius, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S52.571B	Other intraarticular fracture of lower end of right radius, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II		
S52.571C	Other intraarticular fracture of lower end of right radius, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
S52.572A	Other intraarticular fracture of lower end of left radius, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S52.572B	Other intraarticular fracture of lower end of left radius, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S52.572C	Other intraarticular fracture of lower end of left radius, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S52.579A	Other intraarticular fracture of lower end of unspecified radius, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S52.579B	Other intraarticular fracture of lower end of unspecified radius, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type I or II		
S52.579C	Other intraarticular fracture of lower end of unspecified radius, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	type I or II		
S52.591C	Other fractures of lower end of right radius, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	type I or II		
S52.592C	Other fractures of lower end of left radius, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		105 10 011
S52.599A	Other fractures of lower end of unspecified radius, initial encounter for closed	Diagnosis	ICD-10-CM
CE2 E00B	fracture	D: .	100 40 614
S52.599B	Other fractures of lower end of unspecified radius, initial encounter for open	Diagnosis	ICD-10-CM
CE3 E00C	fracture type I or II	Diagnasia	ICD 10 CM
S52.599C	Other fractures of lower end of unspecified radius, initial encounter for open	Diagnosis	ICD-10-CM
CE2 601 A	fracture type IIIA, IIIB, or IIIC	Diagnasis	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	Diagnosis	ICD-10-CM
332.0016	type I or II	Diagnosis	ICD-10-CIVI
S52.601C	Unspecified fracture of lower end of right ulna, initial encounter for open fracture	Diagnosis	ICD-10-CM
JJ2.001C	type IIIA, IIIB, or IIIC	Diagnosis	ICD TO CIVI
S52.602A	Unspecified fracture of lower end of left ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.602A	Unspecified fracture of lower end of left ulna, initial encounter for closed fracture	_	ICD-10-CM
552.0020	type I or II	Diagnosis	ICD TO CIVI
	type i or ii		

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Code	Description	Code Categor	y Code Type
S52.602C	Unspecified fracture of lower end of left ulna, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		
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	_	ICD-10-CM
	type I or II		. 32 20 3
S52.612C	Displaced fracture of left ulna styloid process, initial encounter for open fracture	Diagnosis	ICD-10-CM
002.0120	type IIIA, IIIB, or IIIC	2108110313	105 10 0111
S52.613A	Displaced fracture of unspecified ulna styloid process, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	2.0800.0	
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
		5	100 10 011
S52.621A	Torus fracture of lower end of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Code Categor	y Code Type
S52.629A	Torus fracture of lower end of unspecified ulna, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
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	Diagnosis	ICD-10-CM
	I or II		
S52.691C	Other fracture of lower end of right ulna, initial encounter for open fracture type	Diagnosis	ICD-10-CM
	IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	or II		
S52.692C	Other fracture of lower end of left ulna, initial encounter for open fracture type	Diagnosis	ICD-10-CM
	IIIA, IIIB, or IIIC		
S52.699A	Other fracture of lower end of unspecified ulna, initial encounter for closed	Diagnosis	ICD-10-CM
CE3 COOD	fracture Other fracture of levels and of washerified when initial announter for any a	Diame - !-	ICD 10 CM
S52.699B	Other fracture of lower end of unspecified ulna, initial encounter for open	Diagnosis	ICD-10-CM
S52.699C	fracture type I or II Other fracture of lower and of unspecified ulpatinitial ensembler for open	Diagnosis	ICD 10 CM
352.099C	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
S52.90XA	Unspecified fracture of unspecified forearm, initial encounter for open fracture	Diagnosis	ICD-10-CIVI
332.30ND	type I or II	Diagnosis	ICD-10-CIVI
S52.90XC	Unspecified fracture of unspecified forearm, initial encounter for open fracture	Diagnosis	ICD-10-CM
002.007.0	type IIIA, IIIB, or IIIC	2108.100.0	
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	_	ICD-10-CM
S52.91XC	Unspecified fracture of right forearm, initial encounter for open fracture type IIIA,	Diagnosis	ICD-10-CM
	IIIB, or IIIC		
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,	Diagnosis	ICD-10-CM
	IIIB, or IIIC		
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
S59.001A	Unspecified physeal fracture of lower end of ulna, right arm, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S59.002A	Unspecified physeal fracture of lower end of ulna, left arm, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture	<u>.</u>	100 40 65 5
S59.009A	Unspecified physeal fracture of lower end of ulna, unspecified arm, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		

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Code	Description	Code Category	Code Type
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
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

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Code	Description	Code Catego	ry 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
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

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Code	Description	Code Catego	ry Code Type
S59.239A	Salter-Harris Type III physeal fracture of lower end of radius, unspecified arm,	Diagnosis	ICD-10-CM
	initial encounter for closed fracture		
S59.241A	Salter-Harris Type IV physeal fracture of lower end of radius, right arm, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S59.242A	Salter-Harris Type IV physeal fracture of lower end of radius, left arm, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S59.249A	Salter-Harris Type IV physeal fracture of lower end of radius, unspecified arm,	Diagnosis	ICD-10-CM
	initial encounter for closed fracture		
S59.291A	Other physeal fracture of lower end of radius, right arm, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S59.292A	Other physeal fracture of lower end of radius, left arm, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S59.299A	Other physeal fracture of lower end of radius, unspecified arm, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S62.90XA	Unspecified fracture of unspecified wrist and hand, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S62.90XB	Unspecified fracture of unspecified wrist and hand, initial encounter for open	Diagnosis	ICD-10-CM
	fracture		
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	Diagnosis	ICD-10-CM
	encounter		
S67.91XA	Crushing injury of unspecified part(s) of right wrist, hand and fingers, initial	Diagnosis	ICD-10-CM
	encounter		

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Code	Description	Code Category Code Type		
S67.92XA	Crushing injury of unspecified part(s) of left wrist, hand and fingers, initial encounter	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	
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	

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Code	Description	Code Catego	ry Code Type
S72.022A	Displaced fracture of epiphysis (separation) (upper) of left femur, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S72.022B	Displaced fracture of epiphysis (separation) (upper) of left femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type I or II		
S72.022C	Displaced fracture of epiphysis (separation) (upper) of left femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type IIIA, IIIB, or IIIC		
S72.023A	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S72.023B	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type I or II		
S72.023C	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type IIIA, IIIB, or IIIC		
S72.024A	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S72.024B	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type I or II		
S72.024C	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type IIIA, IIIB, or IIIC		
S72.025A	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S72.025B	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type I or II		
S72.025C	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type IIIA, IIIB, or IIIC		
S72.026A	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur,	Diagnosis	ICD-10-CM
	initial encounter for closed fracture		
S72.026B	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur,	Diagnosis	ICD-10-CM
	initial encounter for open fracture type I or II		
S72.026C	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur,	Diagnosis	ICD-10-CM
	initial encounter for open fracture type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	type I or II		
S72.031C	Displaced midcervical fracture of right femur, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	type I or II		
S72.032C	Displaced midcervical fracture of left femur, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		
S72.033A	Displaced midcervical fracture of unspecified femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	-	
S72.033B	Displaced midcervical fracture of unspecified femur, initial encounter for open	Diagnosis	ICD-10-CM
	·	-	

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Code	Description	Code Category Code Type		
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	
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	

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Code	Description	Code Catego	ry Code Type
S72.045A	Nondisplaced fracture of base of neck of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
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
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	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S72.063C	Displaced articular fracture of head of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
S72.064A	Nondisplaced articular fracture of head of right femur, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S72.064B	Nondisplaced articular fracture of head of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.064C	Nondisplaced articular fracture of head of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S72.065A	Nondisplaced articular fracture of head of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S72.065B	Nondisplaced articular fracture of head of left femur, initial encounter for open	Diagnosis	ICD-10-CM
672.0656	fracture type I or II	5	100 40 604
S72.065C	Nondisplaced articular fracture of head of left femur, initial encounter for open	Diagnosis	ICD-10-CM
S72.066A	fracture type IIIA, IIIB, or IIIC Nondisplaced articular fracture of head of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
372.000A	closed fracture	Diagnosis	ICD-10-CIVI
S72.066B	Nondisplaced articular fracture of head of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
372.0000	open fracture type I or II	Diagnosis	ICD TO CIVI
S72.066C	Nondisplaced articular fracture of head of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC	0	
S72.091A	Other fracture of head and neck of right femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	_	
S72.091B	Other fracture of head and neck of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.091C	Other fracture of head and neck of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S72.092A	Other fracture of head and neck of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
S72.092B	Other fracture of head and neck of left femur, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type I or II	5	100 10 011
S72.092C	Other fracture of head and neck of left femur, initial encounter for open fracture	Diagnosis	ICD-10-CM
S72.099A	type IIIA, IIIB, or IIIC Other fracture of head and neck of unspecified femur, initial encounter for closed	Diagnosis	ICD 10 CM
372.099A	fracture	Diagnosis	ICD-10-CM
S72.099B	Other fracture of head and neck of unspecified femur, initial encounter for open	Diagnosis	ICD-10-CM
372.0330	fracture type I or II	Diagnosis	ICD TO CIVI
S72.099C	Other fracture of head and neck of unspecified femur, initial encounter for open	Diagnosis	ICD-10-CM
07 = 10000	fracture type IIIA, IIIB, or IIIC	2.0800.0	
S72.101A	Unspecified trochanteric fracture of right femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	J	
S72.101B	Unspecified trochanteric fracture of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.101C	Unspecified trochanteric fracture of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S72.102A	Unspecified trochanteric fracture of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		

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Code	Description	Code Category	Code Type
S72.102B	Unspecified trochanteric fracture of left femur, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type I or II		
S72.102C	Unspecified trochanteric fracture of left femur, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		
S72.109A	Unspecified trochanteric fracture of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
C72 400D	closed fracture	Diamonia	ICD 40 CM
S72.109B	Unspecified trochanteric fracture of unspecified femur, initial encounter for open	Diagnosis	ICD-10-CM
\$72.100C	fracture type I or II Unspecified trochanteric fracture of unspecified femur, initial encounter for open	Diagnosis	ICD 10 CM
S72.109C	fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
S72.111A	Displaced fracture of greater trochanter of right femur, initial encounter for	Diagnosis	ICD-10-CM
3/2.1117	closed fracture	Diagnosis	ICD-10-CIVI
S72.111B	Displaced fracture of greater trochanter of right femur, initial encounter for open	Diagnosis	ICD-10-CM
0721222	fracture type I or II	2.0800.0	
S72.111C	Displaced fracture of greater trochanter of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC	-	
S72.112A	Displaced fracture of greater trochanter of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S72.112B	Displaced fracture of greater trochanter of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.112C	Displaced fracture of greater trochanter of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S72.113A	Displaced fracture of greater trochanter of unspecified femur, initial encounter	Diagnosis	ICD-10-CM
672 4420	for closed fracture	5	100 40 014
S72.113B	Displaced fracture of greater trochanter of unspecified femur, initial encounter	Diagnosis	ICD-10-CM
S72.113C	for open fracture type I or II	Diagnosis	ICD 10 CM
3/2.1130	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	Diagnosis	ICD-10-CM
372.1147	closed fracture	Diagnosis	ICD 10 CIVI
S72.114B	Nondisplaced fracture of greater trochanter of right femur, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II	J	
S72.114C	Nondisplaced fracture of greater trochanter of right femur, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
S72.115A	Nondisplaced fracture of greater trochanter of left femur, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S72.115B	Nondisplaced fracture of greater trochanter of left femur, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II		
S72.115C	Nondisplaced fracture of greater trochanter of left femur, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
S72.116A	Nondisplaced fracture of greater trochanter of unspecified femur, initial	Diagnosis	ICD-10-CM
C72 44CD	encounter for closed fracture	Diament:	ICD 10 CN4
S72.116B	Nondisplaced fracture of greater trochanter of unspecified femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type I or II		

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Description	Code Categor	y Code Type
Nondisplaced fracture of greater trochanter of unspecified femur, initial	Diagnosis	ICD-10-CM
	5	100 40 654
	Diagnosis	ICD-10-CM
	Diagnosis	ICD-10-CM
fracture type I or II	=	
Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
Displaced fracture of lesser trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
Displaced fracture of lesser trochanter of left femur, initial encounter for open	Diagnosis	ICD-10-CM
Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
	Diagnosis	ICD-10-CM
Displaced fracture of lesser trochanter of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
Displaced fracture of lesser trochanter of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
Nondisplaced fracture of lesser trochanter of right femur, initial encounter for	Diagnosis	ICD-10-CM
Nondisplaced fracture of lesser trochanter of right femur, initial encounter for	Diagnosis	ICD-10-CM
Nondisplaced fracture of lesser trochanter of right femur, initial encounter for	Diagnosis	ICD-10-CM
Nondisplaced fracture of lesser trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
Nondisplaced fracture of lesser trochanter of left femur, initial encounter for	Diagnosis	ICD-10-CM
Nondisplaced fracture of lesser trochanter of left femur, initial encounter for	Diagnosis	ICD-10-CM
Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter	Diagnosis	ICD-10-CM
Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter	Diagnosis	ICD-10-CM
Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter	Diagnosis	ICD-10-CM
	Diagnosis	ICD-10-CM
Displaced apophyseal fracture of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
Displaced apophyseal fracture of right femur, initial encounter for open fracture	Diagnosis	ICD-10-CM
Displaced apophyseal fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced fracture of lesser trochanter of right femur, initial encounter for closed fracture Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type I or II Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced fracture of lesser trochanter of right femur, initial encounter for closed fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced apophyseal fracture of right femur, initial encounter for open fracture ty	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type I or II Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced ap

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Code	Description	Code Catego	ry Code Type
S72.132B	Displaced apophyseal fracture of left femur, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type I or II		
S72.132C	Displaced apophyseal fracture of left femur, initial encounter for open fracture	Diagnosis	ICD-10-CM
672 4224	type IIIA, IIIB, or IIIC	5	100 40 604
S72.133A	Displaced apophyseal fracture of unspecified femur, initial encounter for closed	Diagnosis	ICD-10-CM
C72 122D	fracture Displaced apophyseal fracture of unspecified femur, initial encounter for open	Diagnasis	ICD-10-CM
S72.133B	fracture type I or II	Diagnosis	ICD-10-CIVI
S72.133C	Displaced apophyseal fracture of unspecified femur, initial encounter for open	Diagnosis	ICD-10-CM
372.1330	fracture type IIIA, IIIB, or IIIC	2.061.03.3	105 10 0111
S72.134A	Nondisplaced apophyseal fracture of right femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	J	
S72.134B	Nondisplaced apophyseal fracture of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.134C	Nondisplaced apophyseal fracture of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S72.135A	Nondisplaced apophyseal fracture of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
C72 12ED	fracture	Diagrapia	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	Diagnosis	ICD-10-CM
372.1330	fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD TO CIVI
S72.136A	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture	_	
S72.136B	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II		
S72.136C	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
S72.141A	Displaced intertrochanteric fracture of right femur, initial encounter for closed	Diagnosis	ICD-10-CM
C72 1/1D	fracture Displaced intertraphentaria fracture of right femus, initial encounter for once	Diagnasis	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	Diagnosis	ICD-10-CM
372.1110	fracture type IIIA, IIIB, or IIIC	2.061.03.3	105 10 0111
S72.142A	Displaced intertrochanteric fracture of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	· ·	
S72.142B	Displaced intertrochanteric fracture of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.142C	Displaced intertrochanteric fracture of left femur, initial encounter for open	Diagnosis	ICD-10-CM
672 445	fracture type IIIA, IIIB, or IIIC	D: :	100.40.014
S72.143A	Displaced intertrochanteric fracture of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
C72 142D	closed fracture Displaced intertrachanteric fracture of unconsided femur, initial encounter for	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
	open nacture type ror n		

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Code	Description	Code Category	Code Type
S72.143C	Displaced intertrochanteric fracture of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
S72.144A	Nondisplaced intertrochanteric fracture of right femur, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S72.144B	Nondisplaced intertrochanteric fracture of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.144C	Nondisplaced intertrochanteric fracture of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S72.145A	Nondisplaced intertrochanteric fracture of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S72.145B	Nondisplaced intertrochanteric fracture of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.145C	Nondisplaced intertrochanteric fracture of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S72.146A	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter	Diagnosis	ICD-10-CM
672 446D	for closed fracture	5	165 46 614
S72.146B	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter	Diagnosis	ICD-10-CM
C72 14CC	for open fracture type I or II	Diamaria	ICD 10 CM
S72.146C	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter	Diagnosis	ICD-10-CM
S72.21XA	for open fracture type IIIA, IIIB, or IIIC Displaced subtrochanteric fracture of right femur, initial encounter for closed	Diagnosis	ICD-10-CM
3/2.21AA	fracture	Diagnosis	ICD-10-CIVI
S72.21XB	Displaced subtrochanteric fracture of right femur, initial encounter for open	Diagnosis	ICD-10-CM
37 Z.ZIND	fracture type I or II	Diagnosis	ICD IO CIVI
S72.21XC	Displaced subtrochanteric fracture of right femur, initial encounter for open	Diagnosis	ICD-10-CM
57 <u>2.22</u> 7.0	fracture type IIIA, IIIB, or IIIC	2146110313	100 10 0111
S72.22XA	Displaced subtrochanteric fracture of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	. 6	
S72.22XB	Displaced subtrochanteric fracture of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II	J	
S72.22XC	Displaced subtrochanteric fracture of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S72.23XA	Displaced subtrochanteric fracture of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S72.23XB	Displaced subtrochanteric fracture of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II		
S72.23XC	Displaced subtrochanteric fracture of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
S72.24XA	Nondisplaced subtrochanteric fracture of right femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S72.24XB	Nondisplaced subtrochanteric fracture of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.24XC	Nondisplaced subtrochanteric fracture of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		

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Code	Description	Code Catego	ry Code Type
S72.25XA	Nondisplaced subtrochanteric fracture of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S72.25XB	Nondisplaced subtrochanteric fracture of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.25XC	Nondisplaced subtrochanteric fracture of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	open fracture type I or II	J	
S72.26XC	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	type I or II		
S72.301C	Unspecified fracture of shaft of right femur, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC	Ü	
S72.309A	Unspecified fracture of shaft of unspecified femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S72.309B	Unspecified fracture of shaft of unspecified femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.309C	Unspecified fracture of shaft of unspecified femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S72.321A	Displaced transverse fracture of shaft of right femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S72.321B	Displaced transverse fracture of shaft of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.321C	Displaced transverse fracture of shaft of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S72.322A	Displaced transverse fracture of shaft of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S72.322B	Displaced transverse fracture of shaft of left femur, initial encounter for open	Diagnosis	ICD-10-CM
672 2226	fracture type I or II	5	100 40 614
S72.322C	Displaced transverse fracture of shaft of left femur, initial encounter for open	Diagnosis	ICD-10-CM
C72 222 A	fracture type IIIA, IIIB, or IIIC	Diagnasia	ICD 10 CM
S72.323A	Displaced transverse fracture of shaft of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
מכככ ככד	Displaced transverse fracture of shaft of unspecified femur, initial encounter for	Diagnosis	ICD 10 CM
S72.323B	open fracture type I or II	Diagnosis	ICD-10-CM
	open nacture type i of ii		

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Code	Description	Code Categor	y Code Type
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
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

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Code	Description	Code Categor	y Code Type
S72.335A	Nondisplaced oblique fracture of shaft of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S72.335B	Nondisplaced oblique fracture of shaft of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.335C	Nondisplaced oblique fracture of shaft of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S72.336A	Nondisplaced oblique fracture of shaft of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S72.336B	Nondisplaced oblique fracture of shaft of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II		
S72.336C	Nondisplaced oblique fracture of shaft of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
S72.341A	Displaced spiral fracture of shaft of right femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S72.341B	Displaced spiral fracture of shaft of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.341C	Displaced spiral fracture of shaft of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S72.342A	Displaced spiral fracture of shaft of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
S72.342B	Displaced spiral fracture of shaft of left femur, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type I or II		
S72.342C	Displaced spiral fracture of shaft of left femur, initial encounter for open fracture	Diagnosis	ICD-10-CM
672 2424	type IIIA, IIIB, or IIIC	5	100 40 604
S72.343A	Displaced spiral fracture of shaft of unspecified femur, initial encounter for closed	Diagnosis	ICD-10-CM
C72 242D	fracture Displaced spiral fracture of shoft of unaposition formus initial apparatus for analysis.	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	Diagnosis	ICD-10-CM
372.3430	fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CIVI
S72.344A	Nondisplaced spiral fracture of shaft of right femur, initial encounter for closed	Diagnosis	ICD-10-CM
372.3447	fracture	Diagnosis	ICD TO CIVI
S72.344B	Nondisplaced spiral fracture of shaft of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II	g	
S72.344C	Nondisplaced spiral fracture of shaft of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC	J	
S72.345A	Nondisplaced spiral fracture of shaft of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S72.345B	Nondisplaced spiral fracture of shaft of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.345C	Nondisplaced spiral fracture of shaft of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S72.346A	Nondisplaced spiral fracture of shaft of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S72.346B	Nondisplaced spiral fracture of shaft of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II		

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Code	Description	Code Category	y 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
S72.351A	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
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

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Code	Description	Code Catego	ry Code Type
S72.362A	Displaced segmental fracture of shaft of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S72.362B	Displaced segmental fracture of shaft of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.362C	Displaced segmental fracture of shaft of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	open fracture type I or II		
S72.363C	Displaced segmental fracture of shaft of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
S72.364A	Nondisplaced segmental fracture of shaft of right femur, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S72.364B	Nondisplaced segmental fracture of shaft of right femur, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II		
S72.364C	Nondisplaced segmental fracture of shaft of right femur, initial encounter for	Diagnosis	ICD-10-CM
C72 2CFA	open fracture type IIIA, IIIB, or IIIC	Diagrapia	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	Diagnosis	ICD-10-CM
372.3036	fracture type I or II	Diagnosis	ICD-10-CIVI
S72.365C	Nondisplaced segmental fracture of shaft of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC	. 0	
S72.366A	Nondisplaced segmental fracture of shaft of unspecified femur, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture	_	
S72.366B	Nondisplaced segmental fracture of shaft of unspecified femur, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type I or II		
S72.366C	Nondisplaced segmental fracture of shaft of unspecified femur, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
			100 10 011
S72.391C	Other fracture of shaft of right femur, initial encounter for open fracture type	Diagnosis	ICD-10-CM
C72 2024	IIIA, IIIB, or IIIC	Diagnasis	ICD 10 CM
S72.392A S72.392B	Other fracture of shaft of left femur, initial encounter for closed fracture Other fracture of shaft of left femur, initial encounter for open fracture type I or	Diagnosis Diagnosis	ICD-10-CM ICD-10-CM
572.392B S72.392C	Other fracture of shaft of left femur, initial encounter for open fracture type for Other fracture of shaft of left femur, initial encounter for open fracture type IIIA,	Diagnosis	ICD-10-CM
312.3320	IIIB, or IIIC	רומצווטאוא	ICD-TO-CIVI
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	Diagnosis	ICD-10-CM
	type I or II		
S72.399C	Other fracture of shaft of unspecified femur, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		

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Code	Description	Code Catego	ry Code Type
S72.401A	Unspecified fracture of lower end of right femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S72.401B	Unspecified fracture of lower end of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.401C	Unspecified fracture of lower end of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S72.402A	Unspecified fracture of lower end of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S72.402B	Unspecified fracture of lower end of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.402C	Unspecified fracture of lower end of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S72.409A	Unspecified fracture of lower end of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S72.409B	Unspecified fracture of lower end of unspecified femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.409C	Unspecified fracture of lower end of unspecified femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S72.411A	Displaced unspecified condyle fracture of lower end of right femur, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S72.411B	Displaced unspecified condyle fracture of lower end of right femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type I or II		
S72.411C	Displaced unspecified condyle fracture of lower end of right femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type IIIA, IIIB, or IIIC		
S72.412A	Displaced unspecified condyle fracture of lower end of left femur, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S72.412B	Displaced unspecified condyle fracture of lower end of left femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type I or II		
S72.412C	Displaced unspecified condyle fracture of lower end of left femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type IIIA, IIIB, or IIIC		100 10 011
S72.413A	Displaced unspecified condyle fracture of lower end of unspecified femur, initial	Diagnosis	ICD-10-CM
672 4420	encounter for closed fracture	5	100.40.604
S72.413B	Displaced unspecified condyle fracture of lower end of unspecified femur, initial	Diagnosis	ICD-10-CM
670 4400	encounter for open fracture type I or II		100 10 011
S72.413C	Displaced unspecified condyle fracture of lower end of unspecified femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type IIIA, IIIB, or IIIC		
S72.414A	Nondisplaced unspecified condyle fracture of lower end of right femur, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		100 10 011
S72.414B	Nondisplaced unspecified condyle fracture of lower end of right femur, initial	Diagnosis	ICD-10-CM
672 44 46	encounter for open fracture type I or II	Dia '	100 40 614
S72.414C	Nondisplaced unspecified condyle fracture of lower end of right femur, initial	Diagnosis	ICD-10-CM
672 4151	encounter for open fracture type IIIA, IIIB, or IIIC	D: :	100.40.614
S72.415A	Nondisplaced unspecified condyle fracture of lower end of left femur, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		

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Code	Description	Code Catego	ry Code Type
S72.415B	Nondisplaced unspecified condyle fracture of lower end of left femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type I or II		
S72.415C	Nondisplaced unspecified condyle fracture of lower end of left femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type IIIA, IIIB, or IIIC		
S72.416A	Nondisplaced unspecified condyle fracture of lower end of unspecified femur,	Diagnosis	ICD-10-CM
	initial encounter for closed fracture		
S72.416B	Nondisplaced unspecified condyle fracture of lower end of unspecified femur,	Diagnosis	ICD-10-CM
	initial encounter for open fracture type I or II		
S72.416C	Nondisplaced unspecified condyle fracture of lower end of unspecified femur,	Diagnosis	ICD-10-CM
	initial encounter for open fracture type IIIA, IIIB, or IIIC		
S72.421A	Displaced fracture of lateral condyle of right femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S72.421B	Displaced fracture of lateral condyle of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S72.421C	Displaced fracture of lateral condyle of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S72.422A	Displaced fracture of lateral condyle of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
670 400D	fracture		100 10 011
S72.422B	Displaced fracture of lateral condyle of left femur, initial encounter for open	Diagnosis	ICD-10-CM
672 4226	fracture type I or II	5	100 40 014
S72.422C	Displaced fracture of lateral condyle of left femur, initial encounter for open	Diagnosis	ICD-10-CM
C72 422A	fracture type IIIA, IIIB, or IIIC	Diagnasis	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	Diagnosis	ICD-10-CM
372.4230	open fracture type I or II	Diagnosis	ICD-10-CIVI
S72.423C	Displaced fracture of lateral condyle of unspecified femur, initial encounter for	Diagnosis	ICD-10-CM
372.4230	open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CIVI
S72.424A	Nondisplaced fracture of lateral condyle of right femur, initial encounter for	Diagnosis	ICD-10-CM
372.4247	closed fracture	Diagnosis	ICD-10-CIVI
S72.424B	Nondisplaced fracture of lateral condyle of right femur, initial encounter for open	Diagnosis	ICD-10-CM
0,2,12,10	fracture type I or II	Diagnosis	105 10 0111
S72.424C	Nondisplaced fracture of lateral condyle of right femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S72.425A	Nondisplaced fracture of lateral condyle of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	. 0	
S72.425B	Nondisplaced fracture of lateral condyle of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II	J	
S72.425C	Nondisplaced fracture of lateral condyle of left femur, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC	Č	
S72.426A	Nondisplaced fracture of lateral condyle of unspecified femur, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture	-	
S72.426B	Nondisplaced fracture of lateral condyle of unspecified femur, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type I or II		

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Code	Description	Code Categor	y Code Type
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
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

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Code	Description	Code Catego	ry Code Type
S72.442A	Displaced fracture of lower epiphysis (separation) of left femur, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S72.442B	Displaced fracture of lower epiphysis (separation) of left femur, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type I or II		
S72.442C	Displaced fracture of lower epiphysis (separation) of left femur, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type IIIA, IIIB, or IIIC		
S72.443A	Displaced fracture of lower epiphysis (separation) of unspecified femur, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S72.443B	Displaced fracture of lower epiphysis (separation) of unspecified femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type I or II		
S72.443C	Displaced fracture of lower epiphysis (separation) of unspecified femur, initial	Diagnosis	ICD-10-CM
672 4444	encounter for open fracture type IIIA, IIIB, or IIIC	Diai-	ICD 40 CN4
S72.444A	Nondisplaced fracture of lower epiphysis (separation) of right femur, initial	Diagnosis	ICD-10-CM
C72 ///D	encounter for closed fracture Nondisplaced fracture of lower epiphysis (separation) of right femur, initial	Diagnosis	ICD 10 CM
S72.444B	encounter for open fracture type I or II	Diagnosis	ICD-10-CM
S72.444C	Nondisplaced fracture of lower epiphysis (separation) of right femur, initial	Diagnosis	ICD-10-CM
3/2.4440	encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CIVI
S72.445A	Nondisplaced fracture of lower epiphysis (separation) of left femur, initial	Diagnosis	ICD-10-CM
37 Z.443A	encounter for closed fracture	Diagnosis	ICD 10 CIVI
S72.445B	Nondisplaced fracture of lower epiphysis (separation) of left femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type I or II		
S72.445C	Nondisplaced fracture of lower epiphysis (separation) of left femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type IIIA, IIIB, or IIIC	•	
S72.446A	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S72.446B	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type I or II		
S72.446C	Nondisplaced fracture of lower epiphysis (separation) of unspecified femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type IIIA, IIIB, or IIIC		
S72.451A	Displaced supracondylar fracture without intracondylar extension of lower end of	Diagnosis	ICD-10-CM
	right femur, initial encounter for closed fracture		
S72.451B	Displaced supracondylar fracture without intracondylar extension of lower end of	Diagnosis	ICD-10-CM
	right femur, initial encounter for open fracture type I or II		100 10 011
S72.451C	Displaced supracondylar fracture without intracondylar extension of lower end of	Diagnosis	ICD-10-CM
672 4524	right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diai-	ICD 40 CN4
S72.452A	Displaced supracondylar fracture without intracondylar extension of lower end of	Diagnosis	ICD-10-CM
S72.452B	left femur, initial encounter for closed fracture Displaced supracondylar fracture without intracondylar extension of lower end of	Diagnosis	ICD-10-CM
J/ 2.4JZD	left femur, initial encounter for open fracture type I or II	סומצווטאוא	ICD-TO-CIAI
S72.452C	Displaced supracondylar fracture without intracondylar extension of lower end of	Diagnosis	ICD-10-CM
3, 2.4320	left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	2105110313	ICD TO CIVI
	is the second of		
S72.453A	Displaced supracondylar fracture without intracondylar extension of lower end of	Diagnosis	ICD-10-CM

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Code	Description	Code Catego	ry Code Type
S72.453B	Displaced supracondylar fracture without intracondylar extension of lower end of	Diagnosis	ICD-10-CM
	unspecified femur, initial encounter for open fracture type I or II		
S72.453C	Displaced supracondylar fracture without intracondylar extension of lower end of	Diagnosis	ICD-10-CM
	unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC		
S72.454A	Nondisplaced supracondylar fracture without intracondylar extension of lower	Diagnosis	ICD-10-CM
	end of right femur, initial encounter for closed fracture		
S72.454B	Nondisplaced supracondylar fracture without intracondylar extension of lower	Diagnosis	ICD-10-CM
	end of right femur, initial encounter for open fracture type I or II		
S72.454C	Nondisplaced supracondylar fracture without intracondylar extension of lower	Diagnosis	ICD-10-CM
	end of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC		
S72.455A	Nondisplaced supracondylar fracture without intracondylar extension of lower	Diagnosis	ICD-10-CM
	end of left femur, initial encounter for closed fracture		
S72.455B	Nondisplaced supracondylar fracture without intracondylar extension of lower	Diagnosis	ICD-10-CM
	end of left femur, initial encounter for open fracture type I or II		
S72.455C	Nondisplaced supracondylar fracture without intracondylar extension of lower	Diagnosis	ICD-10-CM
	end of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC		
S72.456A	Nondisplaced supracondylar fracture without intracondylar extension of lower	Diagnosis	ICD-10-CM
	end of unspecified femur, initial encounter for closed fracture		
S72.456B	Nondisplaced supracondylar fracture without intracondylar extension of lower	Diagnosis	ICD-10-CM
	end of unspecified femur, initial encounter for open fracture type I or II		
S72.456C	Nondisplaced supracondylar fracture without intracondylar extension of lower	Diagnosis	ICD-10-CM
	end of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC		
S72.461A	Displaced supracondylar fracture with intracondylar extension of lower end of	Diagnosis	ICD-10-CM
	right femur, initial encounter for closed fracture		
S72.461B	Displaced supracondylar fracture with intracondylar extension of lower end of	Diagnosis	ICD-10-CM
	right femur, initial encounter for open fracture type I or II		
S72.461C	Displaced supracondylar fracture with intracondylar extension of lower end of	Diagnosis	ICD-10-CM
	right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC		
S72.462A	Displaced supracondylar fracture with intracondylar extension of lower end of	Diagnosis	ICD-10-CM
	left femur, initial encounter for closed fracture		
S72.462B	Displaced supracondylar fracture with intracondylar extension of lower end of	Diagnosis	ICD-10-CM
	left femur, initial encounter for open fracture type I or II		
S72.462C	Displaced supracondylar fracture with intracondylar extension of lower end of	Diagnosis	ICD-10-CM
	left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC		
S72.463A	Displaced supracondylar fracture with intracondylar extension of lower end of	Diagnosis	ICD-10-CM
	unspecified femur, initial encounter for closed fracture		
S72.463B	Displaced supracondylar fracture with intracondylar extension of lower end of	Diagnosis	ICD-10-CM
	unspecified femur, initial encounter for open fracture type I or II		
S72.463C	Displaced supracondylar fracture with intracondylar extension of lower end of	Diagnosis	ICD-10-CM
	unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC		
S72.464A	Nondisplaced supracondylar fracture with intracondylar extension of lower end	Diagnosis	ICD-10-CM
	of right femur, initial encounter for closed fracture		
S72.464B	Nondisplaced supracondylar fracture with intracondylar extension of lower end	Diagnosis	ICD-10-CM

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Code	Description	Code Catego	ry Code Type
S72.464C	Nondisplaced supracondylar fracture with intracondylar extension of lower end	Diagnosis	ICD-10-CM
	of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC		
S72.465A	Nondisplaced supracondylar fracture with intracondylar extension of lower end	Diagnosis	ICD-10-CM
	of left femur, initial encounter for closed fracture		
S72.465B	Nondisplaced supracondylar fracture with intracondylar extension of lower end	Diagnosis	ICD-10-CM
	of left femur, initial encounter for open fracture type I or II		
S72.465C	Nondisplaced supracondylar fracture with intracondylar extension of lower end	Diagnosis	ICD-10-CM
	of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC		
S72.466A	Nondisplaced supracondylar fracture with intracondylar extension of lower end	Diagnosis	ICD-10-CM
	of unspecified femur, initial encounter for closed fracture		
S72.466B	Nondisplaced supracondylar fracture with intracondylar extension of lower end	Diagnosis	ICD-10-CM
	of unspecified femur, initial encounter for open fracture type I or II		
S72.466C	Nondisplaced supracondylar fracture with intracondylar extension of lower end	Diagnosis	ICD-10-CM
	of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	fracture		
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	Diagnosis	ICD-10-CM
	type I or II		
S72.491C	Other fracture of lower end of right femur, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	l or II		
S72.492C	Other fracture of lower end of left femur, initial encounter for open fracture type	Diagnosis	ICD-10-CM
	IIIA, IIIB, or IIIC		
S72.499A	Other fracture of lower end of unspecified femur, initial encounter for closed	Diagnosis	ICD-10-CM
C72 400D	fracture	D:	ICD 10 CM
S72.499B	Other fracture of lower end of unspecified femur, initial encounter for open	Diagnosis	ICD-10-CM
672 4006	fracture type I or II	D:	ICD 40 CM
S72.499C	Other fracture of lower end of unspecified femur, initial encounter for open	Diagnosis	ICD-10-CM
C72 0V1 A	fracture type IIIA, IIIB, or IIIC Other fracture of right famus, initial encounter for closed fracture	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	Diagnosis	ICD-10-CM
C72 0V2A	Other fracture of left femur, initial encounter for closed fracture	Diagnosis	ICD 10 CM
S72.8X2A S72.8X2B	Other fracture of left femur, initial encounter for closed fracture Other fracture of left femur, initial encounter for open fracture type I or II	Diagnosis Diagnosis	ICD-10-CM
S72.8X2B S72.8X2C	•	Diagnosis	ICD-10-CM
3/ Z.ONZC	Other fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	סומצווטאוא	ICD-10-CM
S72.8X9A		Diagnosis	ICD-10-CM
S72.8X9A S72.8X9B	Other fracture of unspecified femur, initial encounter for closed fracture Other fracture of unspecified femur, initial encounter for open fracture type I or	Diagnosis	
3/2.0395	Other fracture of unspecified remai, initial encounter for open fracture type for	Diagnosis	ICD-10-CM

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Code	Description	Code Catego	ory Code Type
S72.8X9C	Other fracture of unspecified femur, initial encounter for open fracture type IIIA,	Diagnosis	ICD-10-CM
	IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	type I or II		
S72.90XC	Unspecified fracture of unspecified femur, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		
S72.90XE	Unspecified fracture of unspecified femur, subsequent encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II with routine healing		
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,	Diagnosis	ICD-10-CM
	IIIB, or IIIC		
S72.91XE	Unspecified fracture of right femur, subsequent encounter for open fracture type	Diagnosis	ICD-10-CM
	I or II with routine healing		
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,	Diagnosis	ICD-10-CM
	IIIB, or IIIC		
S72.92XE	Unspecified fracture of left femur, subsequent encounter for open fracture type I	Diagnosis	ICD-10-CM
	or II with routine healing		
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
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
S79.001A	Unspecified physeal fracture of upper end of right femur, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S79.002A	Unspecified physeal fracture of upper end of left femur, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S79.009A	Unspecified physeal fracture of upper end of unspecified femur, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S79.011A	Salter-Harris Type I physeal fracture of upper end of right femur, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S79.012A	Salter-Harris Type I physeal fracture of upper end of left femur, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S79.019A	Salter-Harris Type I physeal fracture of upper end of unspecified femur, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		
S79.091A	Other physeal fracture of upper end of right femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		

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Code	Description	Code Categor	y Code Type
S79.092A	Other physeal fracture of upper end of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
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
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		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

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Code	Description	Code Category	Code Type
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,	Diagnosis	ICD-10-CM
	IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
C03 000C	type I or II	Diagnasis	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	Diagnosis	ICD-10-CM
552.6227.	fracture	2146116313	100 10 0111
S82.011B	Displaced osteochondral fracture of right patella, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II	_	
S82.011C	Displaced osteochondral fracture of right patella, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S82.012A	Displaced osteochondral fracture of left patella, initial encounter for closed	Diagnosis	ICD-10-CM
602.0425	fracture	.	100 40 604
S82.012B	Displaced osteochondral fracture of left patella, initial encounter for open	Diagnosis	ICD-10-CM
S82.012C	fracture type I or II Displaced osteochondral fracture of left patella, initial encounter for open	Diagnosis	ICD-10-CM
302.0120	fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CIVI
S82.013A	Displaced osteochondral fracture of unspecified patella, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture	J	
S82.013B	Displaced osteochondral fracture of unspecified patella, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II		
S82.013C	Displaced osteochondral fracture of unspecified patella, initial encounter for	Diagnosis	ICD-10-CM
602.04.44	open fracture type IIIA, IIIB, or IIIC	.	100 40 604
S82.014A	Nondisplaced osteochondral fracture of right patella, initial encounter for closed	Diagnosis	ICD-10-CM
S82.014B	fracture Nondisplaced osteochondral fracture of right patella, initial encounter for open	Diagnosis	ICD-10-CM
302.0140	fracture type I or II	Diagnosis	ICD-10-CIVI
S82.014C	Nondisplaced osteochondral fracture of right patella, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC	J	
S82.015A	Nondisplaced osteochondral fracture of left patella, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S82.015B	Nondisplaced osteochondral fracture of left patella, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S82.015C	Nondisplaced osteochondral fracture of left patella, initial encounter for open	Diagnosis	ICD-10-CM
CO2 016A	fracture type IIIA, IIIB, or IIIC Nondisplaced osteochondral fracture of unspecified patella, initial encounter for	Diagnosis	ICD 10 CM
S82.016A	closed fracture	Diagnosis	ICD-10-CM
S82.016B	Nondisplaced osteochondral fracture of unspecified patella, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II	<u> </u>	
S82.016C	Nondisplaced osteochondral fracture of unspecified patella, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
S82.021A	Displaced longitudinal fracture of right patella, initial encounter for closed	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
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

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Code	Description	Code Catego	ry 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	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	
	Nondisplaced comminuted fracture of right patella, initial encounter for open	Diagnosis	ICD-10-CM	

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Code	Description	Code Category	Code Type
S82.045A	Nondisplaced comminuted fracture of left patella, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S82.045B	Nondisplaced comminuted fracture of left patella, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S82.045C	Nondisplaced comminuted fracture of left patella, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
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	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	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

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Code	Description	Code Category	Code Type
S82.111C	Displaced fracture of right tibial spine, initial encounter for open fracture type	Diagnosis	ICD-10-CM
	IIIA, IIIB, or IIIC	-	
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	Diagnosis	ICD-10-CM
S82.112C	Displaced fracture of left tibial spine, initial encounter for open fracture type IIIA,	Diagnosis	ICD-10-CM
	IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	type I or II		
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	Diagnosis	ICD-10-CM
	or II		
S82.115C	Nondisplaced fracture of left tibial spine, initial encounter for open fracture type	Diagnosis	ICD-10-CM
	IIIA, IIIB, or IIIC		
S82.116A	Nondisplaced fracture of unspecified tibial spine, initial encounter for closed	Diagnosis	ICD-10-CM
CO2 116D	fracture Nandisplaced fracture of unspecified tibial spine, initial enseuptor for open	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	Diagnosis	ICD-10-CM
302.1100	fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD 10 CIVI
S82.121A	Displaced fracture of lateral condyle of right tibia, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	2.0800.0	.02 20 0
S82.121B	Displaced fracture of lateral condyle of right tibia, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II	J	
S82.121C	Displaced fracture of lateral condyle of right tibia, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S82.122A	Displaced fracture of lateral condyle of left tibia, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S82.122B	Displaced fracture of lateral condyle of left tibia, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S82.122C	Displaced fracture of lateral condyle of left tibia, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC	<u>.</u>	100 10 011
S82.123A	Displaced fracture of lateral condyle of unspecified tibia, initial encounter for	Diagnosis	ICD-10-CM
CO2 422D	closed fracture	Diamesis	ICD 10 CN4
S82.123B	Displaced fracture of lateral condyle of unspecified tibia, initial encounter for	Diagnosis	ICD-10-CM
S82.123C	open fracture type I or II Displaced fracture of lateral condyle of unspecified tibia, initial encounter for	Diagnosis	ICD 10 CM
J0Z.1Z3C	open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
	open nacture type ma, mb, or mc		

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Code	Description	Code Category	y Code Type
S82.124A	Nondisplaced fracture of lateral condyle of right tibia, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S82.124B	Nondisplaced fracture of lateral condyle of right tibia, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S82.124C	Nondisplaced fracture of lateral condyle of right tibia, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
S82.131A	open fracture type IIIA, IIIB, or IIIC 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	Diagnosis	ICD-10-CM
S82.131C	fracture type I or II Displaced fracture of medial condyle of right tibia, initial encounter for open	Diagnosis	ICD-10-CM
S82.132A	fracture type IIIA, IIIB, or IIIC Displaced fracture of medial condyle of left tibia, initial encounter for closed	Diagnosis	ICD-10-CM
502 422D	fracture	5.	100 40 014
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	Diagnosis	ICD-10-CM
S82.135A	fracture type IIIA, IIIB, or IIIC Nondisplaced fracture of medial condyle of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Description	Code Category	Code Type
Nondisplaced fracture of medial condyle of left tibia, initial encounter for open	Diagnosis	ICD-10-CM
Nondisplaced fracture of medial condyle of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
Nondisplaced fracture of medial condyle of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
	Diagnosis	ICD-10-CM
Nondisplaced fracture of medial condyle of unspecified tibia, initial encounter for	Diagnosis	ICD-10-CM
	Diagnosis	ICD-10-CM
Displaced bicondylar fracture of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
Displaced bicondylar fracture of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
Displaced bicondylar fracture of left tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
Displaced bicondylar fracture of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
	Diagnosis	ICD-10-CM
Displaced bicondylar fracture of unspecified tibia, initial encounter for closed fracture	Diagnosis	ICD-10-CM
Displaced bicondylar fracture of unspecified tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
Displaced bicondylar fracture of unspecified tibia, initial encounter for open	Diagnosis	ICD-10-CM
Nondisplaced bicondylar fracture of right tibia, initial encounter for closed	Diagnosis	ICD-10-CM
Nondisplaced bicondylar fracture of right tibia, initial encounter for open fracture	Diagnosis	ICD-10-CM
	Diagnosis	ICD-10-CM
••	Diagnosis	ICD-10-CM
Nondisplaced bicondylar fracture of left tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
Nondisplaced bicondylar fracture of left tibia, initial encounter for open fracture	Diagnosis	ICD-10-CM
Nondisplaced bicondylar fracture of unspecified tibia, initial encounter for closed	Diagnosis	ICD-10-CM
Nondisplaced bicondylar fracture of unspecified tibia, initial encounter for open	Diagnosis	ICD-10-CM
Nondisplaced bicondylar fracture of unspecified tibia, initial encounter for open	Diagnosis	ICD-10-CM
Displaced fracture of right tibial tuberosity, initial encounter for closed fracture	Diagnosis	ICD-10-CM
	Nondisplaced fracture of medial condyle of left tibia, initial encounter for open fracture type I or II Nondisplaced fracture of medial condyle of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced fracture of medial condyle of unspecified tibia, initial encounter for closed fracture Nondisplaced fracture of medial condyle of unspecified tibia, initial encounter for open fracture type I or II Nondisplaced fracture of medial condyle of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced bicondylar fracture of right tibia, initial encounter for closed fracture Displaced bicondylar fracture of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced bicondylar fracture of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced bicondylar fracture of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced bicondylar fracture of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced bicondylar fracture of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced bicondylar fracture of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced bicondylar fracture of inspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced bicondylar fracture of right tibia, initial encounter for open fracture type II or II Nondisplaced bicondylar fracture of right tibia, initial encounter for open fracture type II or II Nondisplaced bicondylar fracture of left tibia, initial encounter for open fracture type II or II Nondisplaced bicondylar fracture of left tibia, initial encounter for open fracture type II or II Nondisplaced bicondylar fracture of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced bicondylar fracture of unspecified tibia, initial encounter for open fracture type II or II Nondisplaced	Nondisplaced fracture of medial condyle of left tibia, initial encounter for open fracture type I or II Nondisplaced fracture of medial condyle of left tibia, initial encounter for open Diagnosis fracture type IIIA, IIIB, or IIIC Nondisplaced fracture of medial condyle of unspecified tibia, initial encounter for Diagnosis closed fracture Nondisplaced fracture of medial condyle of unspecified tibia, initial encounter for Diagnosis open fracture type I or II Nondisplaced fracture of medial condyle of unspecified tibia, initial encounter for Diagnosis open fracture type IIIA, IIIB, or IIIC Displaced bicondylar fracture of right tibia, initial encounter for closed fracture Diagnosis open fracture type IIIA, IIIB, or IIIC Displaced bicondylar fracture of right tibia, initial encounter for open fracture Diagnosis type IIIA, IIIB, or IIIC Displaced bicondylar fracture of left tibia, initial encounter for open fracture Diagnosis IIIA, IIIB, or IIIC Displaced bicondylar fracture of left tibia, initial encounter for open fracture type Diagnosis IIIA, IIIB, or IIIC Displaced bicondylar fracture of unspecified tibia, initial encounter for open fracture type Diagnosis IIIA, IIIB, or IIIC Displaced bicondylar fracture of unspecified tibia, initial encounter for open Diagnosis fracture type I or II Displaced bicondylar fracture of unspecified tibia, initial encounter for open Diagnosis fracture type I or II Nondisplaced bicondylar fracture of right tibia, initial encounter for open fracture Diagnosis fracture type I or II Nondisplaced bicondylar fracture of right tibia, initial encounter for open fracture Diagnosis type I or II Nondisplaced bicondylar fracture of left tibia, initial encounter for open fracture Diagnosis type I or II Nondisplaced bicondylar fracture of left tibia, initial encounter for open fracture Diagnosis type I or II Nondisplaced bicondylar fracture of left tibia, initial encounter for open fracture Diagnosis type I or II Nondisplaced bicondylar fracture of left tibia, initial encounter f

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Code	Description	Code Category	Code Type
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
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

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Code	Description	Code Category	y Code Type
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	_	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	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S82.224B	Nondisplaced transverse fracture of shaft of right tibia, initial encounter for open		ICD-10-CM
	fracture type I or II	5	
S82.224C	Nondisplaced transverse fracture of shaft of right tibia, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC	-	
S82.225A	Nondisplaced transverse fracture of shaft of left tibia, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S82.225B	Nondisplaced transverse fracture of shaft of left tibia, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S82.225C	Nondisplaced transverse fracture of shaft of left tibia, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S82.226A	Nondisplaced transverse fracture of shaft of unspecified tibia, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		100 10 01 5
S82.226B	Nondisplaced transverse fracture of shaft of unspecified tibia, initial encounter	Diagnosis	ICD-10-CM
con 11cc	for open fracture type I or II	Diograpia	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	Diagnosis	ICD-10-CM
302.231A	fracture	Diagilusis	ICD-TO-CIAI
S82.231B	Displaced oblique fracture of shaft of right tibia, initial encounter for open	Diagnosis	ICD-10-CM
302.2310	fracture type I or II	2146110313	.05 10 0141
S82.231C	Displaced oblique fracture of shaft of right tibia, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		- -
S82.232A	Displaced oblique fracture of shaft of left tibia, initial encounter for closed	Diagnosis	ICD-10-CM
S82.232B	Displaced oblique fracture of shaft of left tibia, initial encounter for open fracture	_	ICD-10-CM
	type I or II		
S82.232C	Displaced oblique fracture of shaft of left tibia, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		
S82.233A	Displaced oblique fracture of shaft of unspecified tibia, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S82.233B	Displaced oblique fracture of shaft of unspecified tibia, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		100 10 51 5
S82.233C	Displaced oblique fracture of shaft of unspecified tibia, initial encounter for open	Díagnosis	ICD-10-CM
CO2 2244	fracture type IIIA, IIIB, or IIIC	Diament:	ICD 10 CM
S82.234A	Nondisplaced oblique fracture of shaft of right tibia, initial encounter for closed	Diagnosis	ICD-10-CM
S82.234B	fracture Nandiculated oblique fracture of chaft of right tibia, initial encounter for onen	Diagnosis	ICD-10-CM
30Z.Z34B	Nondisplaced oblique fracture of shaft of right tibia, initial encounter for open fracture type I or II	Diagnosis	ICD-TO-CIAI
S82.234C	Nondisplaced oblique fracture of shaft of right tibia, initial encounter for open	Diagnosis	ICD-10-CM
302.2340	fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-TO-CIAI
S82.235A	Nondisplaced oblique fracture of shaft of left tibia, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	00.0	
S82.235B	Nondisplaced oblique fracture of shaft of left tibia, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II	J	
S82.235C	Nondisplaced oblique fracture of shaft of left tibia, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		

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Code	Description		ry Code Type
S82.236A	Nondisplaced oblique fracture of shaft of unspecified tibia, initial encounter for	Diagnosis	ICD-10-CM
co2 22c5	closed fracture	Di '	100 40 614
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	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
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

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Displaced comminuted fracture of shaft of right tibia, initial encounter for open	Diagrapia	
	Diagnosis	ICD-10-CM
fracture type IIIA, IIIB, or IIIC		
Displaced comminuted fracture of shaft of left tibia, initial encounter for closed	Diagnosis	ICD-10-CM
·	Diagnosis	ICD-10-CM
	Diagnosis	ICD-10-CM
• •	5	100 40 604
	Diagnosis	ICD-10-CM
	Diagnasis	ICD 10 CM
	Diagnosis	ICD-10-CM
	Diagnosis	ICD-10-CM
·	Diagnosis	ICD-TO-CIVI
	Diagnosis	ICD-10-CM
closed fracture	0	. 32 20 0111
Nondisplaced comminuted fracture of shaft of right tibia, initial encounter for	Diagnosis	ICD-10-CM
open fracture type I or II	J	
Nondisplaced comminuted fracture of shaft of right tibia, initial encounter for	Diagnosis	ICD-10-CM
open fracture type IIIA, IIIB, or IIIC		
Nondisplaced comminuted fracture of shaft of left tibia, initial encounter for	Diagnosis	ICD-10-CM
closed fracture		
Nondisplaced comminuted fracture of shaft of left tibia, initial encounter for	Diagnosis	ICD-10-CM
open fracture type I or II		
•	Diagnosis	ICD-10-CM
	Diagnosis	ICD-10-CM
	Dia ==!	ICD 10 CM
	ווagnosis	ICD-10-CM
•	Diagnosis	ICD-10-CM
	DIARIIOSIS	ICD-TO-CIAI
•	Diagnosis	ICD-10-CM
	Diagnosis	ICD TO CIVI
	Diagnosis	ICD-10-CM
Displaced segmental fracture of shaft of right tibia, initial encounter for open	Diagnosis	ICD-10-CM
fracture type IIIA, IIIB, or IIIC	_	
Displaced segmental fracture of shaft of left tibia, initial encounter for closed	Diagnosis	ICD-10-CM
fracture		
Displaced segmental fracture of shaft of left tibia, initial encounter for open	Diagnosis	ICD-10-CM
fracture type I or II		
Displaced segmental fracture of shaft of left tibia, initial encounter for open	Diagnosis	ICD-10-CM
fracture type IIIA, IIIB, or IIIC		
111111111111111111111111	fracture Displaced comminuted fracture of shaft of left tibia, initial encounter for open fracture type I or II Displaced comminuted fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced comminuted fracture of shaft of unspecified tibia, initial encounter for closed fracture Displaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II Displaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced comminuted fracture of shaft of right tibia, initial encounter for closed fracture Nondisplaced comminuted fracture of shaft of right tibia, initial encounter for open fracture type I or II Nondisplaced comminuted fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced comminuted fracture of shaft of left tibia, initial encounter for closed fracture Nondisplaced comminuted fracture of shaft of left tibia, initial encounter for open fracture type I or II Nondisplaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II Nondisplaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced segmental fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced segmental fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced segmental fracture of shaft of right tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced segmental fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC	Displaced comminuted fracture of shaft of left tibia, initial encounter for open fracture type I or II Displaced comminuted fracture of shaft of left tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Displaced comminuted fracture of shaft of unspecified tibia, initial encounter for open Diagnosis open fracture type II or II Displaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type I or II Displaced comminuted fracture of shaft of unspecified tibia, initial encounter for open fracture type IIIA, IIIB, or IIIC Nondisplaced comminuted fracture of shaft of right tibia, initial encounter for Diagnosis open fracture type I or II Nondisplaced comminuted fracture of shaft of right tibia, initial encounter for Diagnosis open fracture type IIIA, IIIB, or IIIC Nondisplaced comminuted fracture of shaft of left tibia, initial encounter for Diagnosis open fracture type IIIA, IIIB, or IIIC Nondisplaced comminuted fracture of shaft of left tibia, initial encounter for Diagnosis open fracture type II or II Nondisplaced comminuted fracture of shaft of left tibia, initial encounter for Diagnosis open fracture type IIIA, IIIB, or IIIC Nondisplaced comminuted fracture of shaft of unspecified tibia, initial encounter for Diagnosis open fracture type IIIA, IIIB, or IIIC Nondisplaced comminuted fracture of shaft of unspecified tibia, initial encounter Diagnosis for open fracture type IIIA, IIIB, or IIIC Nondisplaced comminuted fracture of shaft of unspecified tibia, initial encounter Diagnosis for open fracture type IIIA, IIIB, or IIIC Displaced segmental fracture of shaft of right tibia, initial encounter for open Diagnosis fracture type IIIA, IIIB, or IIIC Displaced segmental fracture of shaft of right tibia, initial encounter for open Diagnosis fracture type IIII Displaced segmental fracture of shaft of left tibia, initial encounter for open Diagnosis fracture type IIII Displaced segmental fracture of shaft of left tibia, initial encounter for open Diagno

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Code	Description	Code Catego	ry Code Type
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
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

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Code	Description	Code Category	y Code Type
S82.302B	Unspecified fracture of lower end of left tibia, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type I or II		
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	_	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
	Hactare		

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Code	Description	Code Catego	ry Code Type
S82.409C	Unspecified fracture of shaft of unspecified fibula, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
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
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	Diagnosis	ICD-10-CM

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Code	Description	Code Categor	ry Code Type
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
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	Diagnosis	ICD-10-CM

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Code	Description	Code Categor	y Code Type
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
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

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Code	Description	Code Catego	ory Code Type
S82.455A	Nondisplaced comminuted fracture of shaft of left fibula, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S82.455B	Nondisplaced comminuted fracture of shaft of left fibula, initial encounter for	Diagnosis	ICD-10-CM
CO2 455C	open fracture type I or II	Diai-	ICD 40 CM
S82.455C	Nondisplaced comminuted fracture of shaft of left fibula, initial encounter for	Diagnosis	ICD-10-CM
CO2 4E6A	open fracture type IIIA, IIIB, or IIIC	Diagnasis	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	Diagnosis	ICD-10-CM
302.4300	encounter for open fracture type I or II	Diagnosis	ICD-10-CIVI
S82.456C	Nondisplaced comminuted fracture of shaft of unspecified fibula, initial	Diagnosis	ICD-10-CM
302.1300	encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	105 10 0111
S82.461A	Displaced segmental fracture of shaft of right fibula, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture	J	
S82.461B	Displaced segmental fracture of shaft of right fibula, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S82.461C	Displaced segmental fracture of shaft of right fibula, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S82.462A	Displaced segmental fracture of shaft of left fibula, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S82.462B	Displaced segmental fracture of shaft of left fibula, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S82.462C	Displaced segmental fracture of shaft of left fibula, initial encounter for open	Diagnosis	ICD-10-CM
CO2 4C24	fracture type IIIA, IIIB, or IIIC	Diai-	ICD 40 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	Diagnosis	ICD-10-CM
302.4036	open fracture type I or II	Diagnosis	ICD-10-CIVI
S82.463C	Displaced segmental fracture of shaft of unspecified fibula, initial encounter for	Diagnosis	ICD-10-CM
302.1030	open fracture type IIIA, IIIB, or IIIC	Diagnosis	105 10 0111
S82.464A	Nondisplaced segmental fracture of shaft of right fibula, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture	J	
S82.464B	Nondisplaced segmental fracture of shaft of right fibula, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II		
S82.464C	Nondisplaced segmental fracture of shaft of right fibula, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
S82.465A	Nondisplaced segmental fracture of shaft of left fibula, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S82.465B	Nondisplaced segmental fracture of shaft of left fibula, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S82.465C	Nondisplaced segmental fracture of shaft of left fibula, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC	D: :	100.40.614
S82.466A	Nondisplaced segmental fracture of shaft of unspecified fibula, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		

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Code	Description	Code Catego	y Code Type
S82.466B	Nondisplaced segmental fracture of shaft of unspecified fibula, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type I or II		
S82.466C	Nondisplaced segmental fracture of shaft of unspecified fibula, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	II		
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,	Diagnosis	ICD-10-CM
	IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	type I or II		
S82.499C	Other fracture of shaft of unspecified fibula, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		
S82.51XA	Displaced fracture of medial malleolus of right tibia, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S82.51XB	Displaced fracture of medial malleolus of right tibia, initial encounter for open	Diagnosis	ICD-10-CM
500 5440	fracture type I or II		100 10 011
S82.51XC	Displaced fracture of medial malleolus of right tibia, initial encounter for open	Diagnosis	ICD-10-CM
CO2 F2VA	fracture type IIIA, IIIB, or IIIC	Dii-	100 40 604
S82.52XA	Displaced fracture of medial malleolus of left tibia, initial encounter for closed	Diagnosis	ICD-10-CM
כפס בסעם	fracture Displaced fracture of modial malloclus of left tibia initial apparents for open	Diagnasis	ICD 10 CM
S82.52XB	Displaced fracture of medial malleolus of left tibia, initial encounter for open	Diagnosis	ICD-10-CM
S82.52XC	fracture type I or II Displaced fracture of medial malleolus of left tibia, initial encounter for open	Diagnosis	ICD-10-CM
302.32AC	fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CIVI
S82.53XA	Displaced fracture of medial malleolus of unspecified tibia, initial encounter for	Diagnosis	ICD-10-CM
302.33AA	closed fracture	Diagnosis	ICD TO CIVI
S82.53XB	Displaced fracture of medial malleolus of unspecified tibia, initial encounter for	Diagnosis	ICD-10-CM
002.007.2	open fracture type I or II	2.0800.0	
S82.53XC	Displaced fracture of medial malleolus of unspecified tibia, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC	. 0	
S82.54XA	Nondisplaced fracture of medial malleolus of right tibia, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture	J	
S82.54XB	Nondisplaced fracture of medial malleolus of right tibia, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II	=	
S82.54XC	Nondisplaced fracture of medial malleolus of right tibia, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
S82.55XA	Nondisplaced fracture of medial malleolus of left tibia, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		

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Code	Description	Code Catego	ory Code Type
S82.55XB	Nondisplaced fracture of medial malleolus of left tibia, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S82.55XC	Nondisplaced fracture of medial malleolus of left tibia, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S82.56XA	Nondisplaced fracture of medial malleolus of unspecified tibia, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S82.56XB	Nondisplaced fracture of medial malleolus of unspecified tibia, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type I or II		
S82.56XC	Nondisplaced fracture of medial malleolus of unspecified tibia, initial encounter	Diagnosis	ICD-10-CM
500 541/4	for open fracture type IIIA, IIIB, or IIIC		100 10 011
S82.61XA	Displaced fracture of lateral malleolus of right fibula, initial encounter for closed	Diagnosis	ICD-10-CM
CO2 C1VD	fracture	Diagnasia	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	Diagnosis	ICD-10-CM
302.01AC	fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CIVI
S82.62XA	Displaced fracture of lateral malleolus of left fibula, initial encounter for closed	Diagnosis	ICD-10-CM
502.027	fracture	D106110313	100 10 0111
S82.62XB	Displaced fracture of lateral malleolus of left fibula, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II	.0	
S82.62XC	Displaced fracture of lateral malleolus of left fibula, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S82.63XA	Displaced fracture of lateral malleolus of unspecified fibula, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S82.63XB	Displaced fracture of lateral malleolus of unspecified fibula, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II		
S82.63XC	Displaced fracture of lateral malleolus of unspecified fibula, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
S82.64XA	Nondisplaced fracture of lateral malleolus of right fibula, initial encounter for	Diagnosis	ICD-10-CM
502 54VD	closed fracture	5	100 40 014
S82.64XB	Nondisplaced fracture of lateral malleolus of right fibula, initial encounter for	Diagnosis	ICD-10-CM
CO2 64VC	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	Diagnosis	ICD-10-CM
302.03AA	closed fracture	Diagnosis	ICD-10-CIVI
S82.65XB	Nondisplaced fracture of lateral malleolus of left fibula, initial encounter for open	Diagnosis	ICD-10-CM
232.00/10	fracture type I or II		.02 20 0111
S82.65XC	Nondisplaced fracture of lateral malleolus of left fibula, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC	U	-
S82.66XA	Nondisplaced fracture of lateral malleolus of unspecified fibula, initial encounter	Diagnosis	ICD-10-CM
	for closed fracture		
S82.66XB	Nondisplaced fracture of lateral malleolus of unspecified fibula, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type I or II		

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Code	Description	Code Categor	y Code Type
S82.66XC	Nondisplaced fracture of lateral malleolus of unspecified fibula, initial encounter	Diagnosis	ICD-10-CM
	for open fracture type IIIA, IIIB, or IIIC		
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
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	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
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
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

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Code	Description	Code Category	Code Type
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
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

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Code	Description	Code Category	Code Type
S82.866C	Nondisplaced Maisonneuve's fracture of unspecified leg, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
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	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	-	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
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

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Code	Description	Code Category	Code Type
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	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
S82.92XC	Unspecified fracture of left lower leg, initial encounter for open fracture type IIIA, IIIB, or IIIC	_	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
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

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Code	Description	Code Category	/ Code Type
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
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

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	Description	Code Categor	ry Code Type
S89.192A	Other physeal fracture of lower end of left tibia, initial encounter for closed	Diagnosis	ICD-10-CM
S89.199A	fracture 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
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	Diagnosis	ICD-10-CM

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Code	Description	Code Catego	ry Code Type
S89.329A	Salter-Harris Type II physeal fracture of lower end of unspecified fibula, initial	Diagnosis	ICD-10-CM
	encounter for closed fracture		100 10 5
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
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
T14.8XXA	Other injury of unspecified body region, initial encounter	Diagnosis	ICD-10-CM
T79.4XXA	Traumatic shock, initial encounter	Diagnosis	ICD-10-CM
T79.5XXA	Traumatic anuria, initial encounter	Diagnosis	ICD-10-CM
T79.7XXA	Traumatic subcutaneous emphysema, initial encounter	Diagnosis	ICD-10-CM
T82.817A	Embolism due to cardiac prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T82.818A	Embolism due to vascular prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T82.827A	Fibrosis due to cardiac prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T82.828A	Fibrosis due to vascular prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T82.837A	Hemorrhage due to cardiac prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T82.838A	Hemorrhage due to vascular prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T82.847A	Pain due to cardiac prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T82.848A	Pain due to vascular prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T82.855A	Stenosis of coronary artery stent, initial encounter	Diagnosis	ICD-10-CM
T82.856A	Stenosis of peripheral vascular stent, initial encounter	Diagnosis	ICD-10-CM
T82.857A	Stenosis of other cardiac prosthetic devices, implants and grafts, initial encounter	•	ICD-10-CM
T82.858A	Stenosis of other vascular prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T82.867A	Thrombosis due to cardiac prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Catego	ory Code Type
T82.868A	Thrombosis due to vascular prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T82.897A	Other specified complication of cardiac prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T82.898A	Other specified complication of vascular prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T82.9XXA	Unspecified complication of cardiac and vascular prosthetic device, implant and graft, initial encounter	Diagnosis	ICD-10-CM
T83.81XA	Embolism due to genitourinary prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T83.82XA	Fibrosis due to genitourinary prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T83.83XA	Hemorrhage due to genitourinary prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T83.84XA	Pain due to genitourinary prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T83.85XA	Stenosis due to genitourinary prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T83.86XA	Thrombosis due to genitourinary prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T83.89XA	Other specified complication of genitourinary prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T83.9XXA	Unspecified complication of genitourinary prosthetic device, implant and graft, initial encounter	Diagnosis	ICD-10-CM
T84.81XA	Embolism due to internal orthopedic prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T84.82XA	Fibrosis due to internal orthopedic prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T84.83XA	Hemorrhage due to internal orthopedic prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T84.84XA	Pain due to internal orthopedic prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T84.85XA	Stenosis due to internal orthopedic prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T84.86XA	Thrombosis due to internal orthopedic prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T84.89XA	Other specified complication of internal orthopedic prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T84.9XXA	Unspecified complication of internal orthopedic prosthetic device, implant and graft, initial encounter	Diagnosis	ICD-10-CM
T85.810A	Embolism due to nervous system prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T85.818A	Embolism due to other internal prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
T85.820A	Fibrosis due to nervous system prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T85.828A	Fibrosis due to other internal prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T85.830A	Hemorrhage due to nervous system prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T85.838A	Hemorrhage due to other internal prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T85.840A	Pain due to nervous system prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T85.848A	Pain due to other internal prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T85.850A	Stenosis due to nervous system prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T85.858A	Stenosis due to other internal prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T85.860A	Thrombosis due to nervous system prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T85.868A	Thrombosis due to other internal prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T85.890A	Other specified complication of nervous system prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T85.898A	Other specified complication of other internal prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T85.9XXA	Unspecified complication of internal prosthetic device, implant and graft, initial encounter	Diagnosis	ICD-10-CM
T86.848	Other complications of corneal transplant	Diagnosis	ICD-10-CM
T86.849	Unspecified complication of corneal transplant	Diagnosis	ICD-10-CM
T88.8XXA	Other specified complications of surgical and medical care, not elsewhere classified, initial 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

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Category	/ Code Type
V05.09XD	Pedestrian with other conveyance injured in collision with railway train or railway	Diagnosis	ICD-10-CM
	vehicle in nontraffic accident, subsequent encounter		
V15.2XXA	Unspecified pedal cyclist injured in collision with railway train or railway vehicle	Diagnosis	ICD-10-CM
	in nontraffic accident, initial encounter		
V81.2XXA	Occupant of railway train or railway vehicle injured in collision with or hit by	Diagnosis	ICD-10-CM
	rolling stock, initial encounter		
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	Diagnosis	ICD-10-CM
	encounter		
W16.011A	Fall into swimming pool striking water surface causing drowning and submersion, initial encounter	Diagnosis	ICD-10-CM
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

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Code	Description	Code Category	Code Type
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
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	, ,	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

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Code	Description	Code Category	Code Type
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	Diagnosis	ICD-10-CM
	encounter		
W16.331D	Fall into other water striking wall causing drowning and submersion, subsequent	Diagnosis	ICD-10-CM
	encounter		
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	Diagnosis	ICD-10-CM
	encounter		
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
W16.511A	Jumping or diving into swimming pool striking water surface causing drowning	Diagnosis	ICD-10-CM
	and submersion, initial encounter		
W16.511D	Jumping or diving into swimming pool striking water surface causing drowning	Diagnosis	ICD-10-CM
	and submersion, subsequent encounter		
W16.512A	Jumping or diving into swimming pool striking water surface causing other injury,	Diagnosis	ICD-10-CM
	initial encounter		
W16.512D	Jumping or diving into swimming pool striking water surface causing other injury,	Diagnosis	ICD-10-CM
W/16 F21 A	subsequent encounter	Diagnasia	ICD 10 CM
W16.521A	Jumping or diving into swimming pool striking bottom causing drowning and	Diagnosis	ICD-10-CM
W16.521D	submersion, initial encounter Jumping or diving into swimming pool striking bottom causing drowning and	Diagnosis	ICD-10-CM
VV10.321D	submersion, subsequent encounter	Diagnosis	ICD-10-CIVI
W16.522A	Jumping or diving into swimming pool striking bottom causing other injury, initial	Diagnosis	ICD-10-CM
W10.322A	encounter	Diagnosis	ICD-10-CIVI
W16.522D	Jumping or diving into swimming pool striking bottom causing other injury,	Diagnosis	ICD-10-CM
	subsequent encounter	2.0800.0	.02 20 0
W16.531A	Jumping or diving into swimming pool striking wall causing drowning and	Diagnosis	ICD-10-CM
	submersion, initial encounter		
W16.531D	Jumping or diving into swimming pool striking wall causing drowning and	Diagnosis	ICD-10-CM
	submersion, subsequent encounter	_	
W16.532A	Jumping or diving into swimming pool striking wall causing other injury, initial	Diagnosis	ICD-10-CM
	encounter		
W16.532D	Jumping or diving into swimming pool striking wall causing other injury,	Diagnosis	ICD-10-CM
	subsequent encounter		
W16.611A	Jumping or diving into natural body of water striking water surface causing	Diagnosis	ICD-10-CM
	drowning and submersion, initial encounter		
W16.611D	Jumping or diving into natural body of water striking water surface causing	Diagnosis	ICD-10-CM
	drowning and submersion, subsequent encounter		
W16.612A	Jumping or diving into natural body of water striking water surface causing other	Diagnosis	ICD-10-CM
	injury, initial encounter		
W16.612D	Jumping or diving into natural body of water striking water surface causing other	Diagnosis	ICD-10-CM
	injury, subsequent encounter		

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Code	Description	Code Category	Code Type
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
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

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description		ory Code Type
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
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
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

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Category	y Code Type
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
N34.09XD	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
W34.110A	Accidental malfunction of airgun, initial encounter	Diagnosis	ICD-10-CM
V34.110D	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
N34.118A	Accidental malfunction of other gas, air or spring-operated gun, initial encounter	Diagnosis	ICD-10-CM
V34.118D	Accidental malfunction of other gas, air or spring-operated gun, subsequent encounter	Diagnosis	ICD-10-CM
V34.19XA	Accidental malfunction from other specified firearms, initial encounter	Diagnosis	ICD-10-CM
V34.19XD	Accidental malfunction from other specified firearms, subsequent encounter	Diagnosis	ICD-10-CM
N39.XXXA	Discharge of firework, initial encounter	Diagnosis	ICD-10-CM
W39.XXXD	Discharge of firework, subsequent encounter	Diagnosis	ICD-10-CM
N40.0XXA	Explosion of blasting material, initial encounter	Diagnosis	ICD-10-CM
W40.0XXD	Explosion of blasting material, subsequent encounter	Diagnosis	ICD-10-CM
N40.1XXA	Explosion of explosive gases, initial encounter	Diagnosis	ICD-10-CM
V40.1XXD	Explosion of explosive gases, subsequent encounter	Diagnosis	ICD-10-CM
N40.8XXA	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
V40.9XXA	Explosion of unspecified explosive materials, initial encounter	Diagnosis	ICD-10-CM
V40.9XXD	Explosion of unspecified explosive materials, subsequent encounter	Diagnosis	ICD-10-CM
(72.XXXA	Intentional self-harm by handgun discharge, initial encounter	Diagnosis	ICD-10-CM
(72.XXXD	Intentional self-harm by handgun discharge, subsequent encounter	Diagnosis	ICD-10-CM
(73.0XXA	Intentional self-harm by shotgun discharge, initial encounter	Diagnosis	ICD-10-CM
(73.0XXD	Intentional self-harm by shotgun discharge, subsequent encounter	Diagnosis	ICD-10-CM
73.1XXA	Intentional self-harm by hunting rifle discharge, initial encounter	Diagnosis	ICD-10-CM
73.1XXD	Intentional self-harm by hunting rifle discharge, subsequent encounter	Diagnosis	ICD-10-CM
(73.2XXA	Intentional self-harm by machine gun discharge, initial encounter	Diagnosis	ICD-10-CM
(73.2XXD	Intentional self-harm by machine gun discharge, subsequent encounter	Diagnosis	ICD-10-CM
(73.8XXA	Intentional self-harm by other larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
(73.8XXD	Intentional self-harm by other larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
(73.9XXA	Intentional self-harm by unspecified larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
(73.9XXD	Intentional self-harm by unspecified larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Category Code Type	
X74.01XA	Intentional self-harm by airgun, initial encounter	Diagnosis	ICD-10-CM
X74.01XD	Intentional self-harm by airgun, subsequent encounter	Diagnosis	ICD-10-CM
X74.02XA	Intentional self-harm by paintball gun, initial encounter	Diagnosis	ICD-10-CM
X74.02XD	Intentional self-harm by paintball gun, subsequent encounter	Diagnosis	ICD-10-CM
X74.09XA	Intentional self-harm by other gas, air or spring-operated gun, initial encounter	Diagnosis	ICD-10-CM
X74.09XD	Intentional self-harm by other gas, air or spring-operated gun, subsequent	Diagnosis	ICD-10-CM
	encounter		
X74.8XXA	Intentional self-harm by other firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X74.8XXD	Intentional self-harm by other firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X74.9XXA	Intentional self-harm by unspecified firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X74.9XXD	Intentional self-harm by unspecified firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X75.XXXA	Intentional self-harm by explosive material, initial encounter	Diagnosis	ICD-10-CM
X75.XXXD	Intentional self-harm by explosive material, subsequent encounter	Diagnosis	ICD-10-CM
X93.XXXA	Assault by handgun discharge, initial encounter	Diagnosis	ICD-10-CM
X93.XXXD	Assault by handgun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X94.0XXA	Assault by shotgun, initial encounter	Diagnosis	ICD-10-CM
X94.0XXD	Assault by shotgun, subsequent encounter	Diagnosis	ICD-10-CM
X94.1XXA	Assault by hunting rifle, initial encounter	Diagnosis	ICD-10-CM
X94.1XXD	Assault by hunting rifle, subsequent encounter	Diagnosis	ICD-10-CM
X94.2XXA	Assault by machine gun, initial encounter	Diagnosis	ICD-10-CM
X94.2XXD	Assault by machine gun, subsequent encounter	Diagnosis	ICD-10-CM
X94.8XXA	Assault by other larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X94.8XXD	Assault by other larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X94.9XXA	Assault by unspecified larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X94.9XXD	Assault by unspecified larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X95.02XA	Assault by paintball gun discharge, initial encounter	Diagnosis	ICD-10-CM
X95.02XD	Assault by paintball gun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X95.09XA	Assault by other gas, air or spring-operated gun, initial encounter	Diagnosis	ICD-10-CM
X95.09XD	Assault by other gas, air or spring-operated gun, subsequent encounter	Diagnosis	ICD-10-CM
X95.8XXA	Assault by other firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X95.8XXD	Assault by other firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X95.9XXA	Assault by unspecified firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X95.9XXD	Assault by unspecified firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X96.0XXA	Assault by antipersonnel bomb, initial encounter	Diagnosis	ICD-10-CM
X96.0XXD	Assault by antipersonnel bomb, subsequent encounter	Diagnosis	ICD-10-CM
X96.1XXA	Assault by gasoline bomb, initial encounter	Diagnosis	ICD-10-CM
X96.1XXD	Assault by gasoline bomb, subsequent encounter	Diagnosis	ICD-10-CM
X96.2XXA	Assault by letter bomb, initial encounter	Diagnosis	ICD-10-CM
X96.2XXD	Assault by letter bomb, subsequent encounter	Diagnosis	ICD-10-CM
X96.3XXA	Assault by fertilizer bomb, initial encounter	Diagnosis	ICD-10-CM
X96.3XXD	Assault by fertilizer bomb, subsequent encounter	Diagnosis	ICD-10-CM
X96.4XXA	Assault by pipe bomb, initial encounter	Diagnosis	ICD-10-CM
X96.4XXD	Assault by pipe bomb, subsequent encounter	Diagnosis	ICD-10-CM
X96.8XXA	Assault by other specified explosive, initial encounter	Diagnosis	ICD-10-CM
X96.8XXD	Assault by other specified explosive, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Catego	ory Code Type
X96.9XXA	Assault by unspecified explosive, initial encounter	Diagnosis	ICD-10-CM
X96.9XXD	Assault by unspecified explosive, subsequent encounter	Diagnosis	ICD-10-CM
Y04.0XXA	Assault by unarmed brawl or fight, initial encounter	Diagnosis	ICD-10-CM
Y04.0XXD	Assault by unarmed brawl or fight, subsequent encounter	Diagnosis	ICD-10-CM
Y04.2XXA	Assault by strike against or bumped into by another person, initial encounter	Diagnosis	ICD-10-CM
Y04.2XXD	Assault by strike against or bumped into by another person, subsequent encounter	Diagnosis	ICD-10-CM
Y04.8XXA	Assault by other bodily force, initial encounter	Diagnosis	ICD-10-CM
Y04.8XXD	Assault by other bodily force, subsequent encounter	Diagnosis	ICD-10-CM
Y22.XXXA	Handgun discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM
Y22.XXXD	Handgun discharge, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM
Y23.0XXA	Shotgun discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM
Y23.0XXD	Shotgun discharge, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM
Y23.1XXA	Hunting rifle discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM
Y23.1XXD	Hunting rifle discharge, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM
Y23.2XXA	Military firearm discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM
Y23.2XXD	Military firearm discharge, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM
Y23.3XXA	Machine gun discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM
Y23.3XXD	Machine gun discharge, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM
Y23.8XXA	Other larger firearm discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM
Y23.8XXD	Other larger firearm discharge, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM
Y23.9XXA	Unspecified larger firearm discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM
Y23.9XXD	Unspecified larger firearm discharge, undetermined intent, subsequent	Diagnosis	ICD-10-CM
Y24.0XXA	Airgun discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM
Y24.0XXD	Airgun discharge, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM
Y24.8XXA	Other firearm discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM
Y24.8XXD	Other firearm discharge, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM
Y24.9XXA	Unspecified firearm discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM
Y24.9XXD	Unspecified firearm discharge, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM
Y25.XXXA	Contact with explosive material, undetermined intent, initial encounter	Diagnosis	ICD-10-CM
Y25.XXXD	Contact with explosive material, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM
Y35.001A	Legal intervention involving unspecified firearm discharge, law enforcement official injured, initial encounter	Diagnosis	ICD-10-CM
Y35.001D	Legal intervention involving unspecified firearm discharge, law enforcement official injured, subsequent encounter	Diagnosis	ICD-10-CM
Y35.002A	Legal intervention involving unspecified firearm discharge, bystander injured, initial encounter	Diagnosis	ICD-10-CM
Y35.002D	Legal intervention involving unspecified firearm discharge, bystander injured, subsequent encounter	Diagnosis	ICD-10-CM
Y35.003A	Legal intervention involving unspecified firearm discharge, suspect injured, initial encounter	Diagnosis	ICD-10-CM
Y35.003D	Legal intervention involving unspecified firearm discharge, suspect injured, subsequent encounter	Diagnosis	ICD-10-CM
Y35.011A	Legal intervention involving injury by machine gun, law enforcement official injured, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Catego	ory Code Type
Y35.011D	Legal intervention involving injury by machine gun, law enforcement official	Diagnosis	ICD-10-CM
	injured, subsequent encounter		
Y35.012A	Legal intervention involving injury by machine gun, bystander injured, initial	Diagnosis	ICD-10-CM
	encounter		
Y35.012D	Legal intervention involving injury by machine gun, bystander injured,	Diagnosis	ICD-10-CM
	subsequent encounter		
Y35.013A	Legal intervention involving injury by machine gun, suspect injured, initial	Diagnosis	ICD-10-CM
V25 042D	encounter	Di	ICD 40 CM
Y35.013D	Legal intervention involving injury by machine gun, suspect injured, subsequent	Diagnosis	ICD-10-CM
Y35.021A	encounter	Diagnosis	ICD 10 CM
155.UZ1A	Legal intervention involving injury by handgun, law enforcement official injured, initial encounter	Diagnosis	ICD-10-CM
Y35.021D	Legal intervention involving injury by handgun, law enforcement official injured,	Diagnosis	ICD-10-CM
155.0210	subsequent encounter	Diagnosis	ICD TO CIVI
Y35.022A	Legal intervention involving injury by handgun, bystander injured, initial	Diagnosis	ICD-10-CM
.00.011	encounter	2106.100.0	.02 20 0
Y35.022D	Legal intervention involving injury by handgun, bystander injured, subsequent	Diagnosis	ICD-10-CM
	encounter	J	
Y35.023A	Legal intervention involving injury by handgun, suspect injured, initial encounter	Diagnosis	ICD-10-CM
Y35.023D	Legal intervention involving injury by handgun, suspect injured, subsequent	Diagnosis	ICD-10-CM
	encounter		
Y35.031A	Legal intervention involving injury by rifle pellet, law enforcement official injured,	Diagnosis	ICD-10-CM
	initial encounter		
Y35.031D	Legal intervention involving injury by rifle pellet, law enforcement official injured,	Diagnosis	ICD-10-CM
	subsequent encounter		
Y35.032A	Legal intervention involving injury by rifle pellet, bystander injured, initial	Diagnosis	ICD-10-CM
	encounter		
Y35.032D	Legal intervention involving injury by rifle pellet, bystander injured, subsequent	Diagnosis	ICD-10-CM
V25 0224	encounter	Di	ICD 40 CM
Y35.033A	Legal intervention involving injury by rifle pellet, suspect injured, initial encounter		ICD-10-CM ICD-10-CM
Y35.033D	Legal intervention involving injury by rifle pellet, suspect injured, subsequent encounter	Diagnosis	ICD-10-CIVI
Y35.041A	Legal intervention involving injury by rubber bullet, law enforcement official	Diagnosis	ICD-10-CM
133.0417	injured, initial encounter	Diagnosis	ICD-10-CIVI
Y35.041D	Legal intervention involving injury by rubber bullet, law enforcement official	Diagnosis	ICD-10-CM
.00.0.12	injured, subsequent encounter	2106.100.0	.02 20 0
Y35.042A	Legal intervention involving injury by rubber bullet, bystander injured, initial	Diagnosis	ICD-10-CM
	encounter	.0	
Y35.042D	Legal intervention involving injury by rubber bullet, bystander injured,	Diagnosis	ICD-10-CM
	subsequent encounter		
Y35.043A	Legal intervention involving injury by rubber bullet, suspect injured, initial	Diagnosis	ICD-10-CM
	encounter		
Y35.043D	Legal intervention involving injury by rubber bullet, suspect injured, subsequent	Diagnosis	ICD-10-CM
	encounter		

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Code	Description	Code Catego	ory Code Type
Y35.091A	Legal intervention involving other firearm discharge, law enforcement official injured, initial encounter	Diagnosis	ICD-10-CM
Y35.091D	Legal intervention involving other firearm discharge, law enforcement official injured, subsequent encounter	Diagnosis	ICD-10-CM
Y35.092A	Legal intervention involving other firearm discharge, bystander injured, initial encounter	Diagnosis	ICD-10-CM
Y35.092D	Legal intervention involving other firearm discharge, bystander injured, subsequent encounter	Diagnosis	ICD-10-CM
Y35.093A	Legal intervention involving other firearm discharge, suspect injured, initial encounter	Diagnosis	ICD-10-CM
Y35.093D	Legal intervention involving other firearm discharge, suspect injured, 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
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

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Categor	ry Code Type
W34.018D	Accidental discharge of other gas, air or spring-operated gun, subsequent	Diagnosis	ICD-10-CM
	encounter		
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
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	Diagnosis	ICD-10-CM
	encounter		
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
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
X72.XXXA	Intentional self-harm by handgun discharge, initial encounter	Diagnosis	ICD-10-CM
X72.XXXD	Intentional self-harm by handgun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.0XXA	Intentional self-harm by shotgun discharge, initial encounter	Diagnosis	ICD-10-CM
X73.0XXD	Intentional self-harm by shotgun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.1XXA	Intentional self-harm by hunting rifle discharge, initial encounter	Diagnosis	ICD-10-CM
X73.1XXD	Intentional self-harm by hunting rifle discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.2XXA	Intentional self-harm by machine gun discharge, initial encounter	Diagnosis	ICD-10-CM
X73.2XXD	Intentional self-harm by machine gun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.8XXA	Intentional self-harm by other larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X73.8XXD	Intentional self-harm by other larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X73.9XXA	Intentional self-harm by unspecified larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X73.9XXD	Intentional self-harm by unspecified larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X74.01XA	Intentional self-harm by airgun, initial encounter	Diagnosis	ICD-10-CM
X74.01XA X74.01XD	Intentional self-harm by airgun, subsequent encounter	Diagnosis	ICD-10-CM
X74.01XD X74.02XA	Intentional self-harm by paintball gun, initial encounter	Diagnosis	ICD-10-CM
X74.02XA X74.02XD	Intentional self-harm by paintball gun, subsequent encounter	Diagnosis	ICD-10-CM
X74.02XD X74.09XA	Intentional self-harm by other gas, air or spring-operated gun, initial encounter	Diagnosis	ICD-10-CM
X74.09XD	Intentional self-harm by other gas, air or spring-operated gun, subsequent encounter	Diagnosis	ICD-10-CM

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Catego	ry Code Type
X74.8XXA	Intentional self-harm by other firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X74.8XXD	Intentional self-harm by other firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X74.9XXA	Intentional self-harm by unspecified firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X74.9XXD	Intentional self-harm by unspecified firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X75.XXXA	Intentional self-harm by explosive material, initial encounter	Diagnosis	ICD-10-CM
X75.XXXD	Intentional self-harm by explosive material, subsequent encounter	Diagnosis	ICD-10-CM
X93.XXXA	Assault by handgun discharge, initial encounter	Diagnosis	ICD-10-CM
X93.XXXD	Assault by handgun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X94.0XXA	Assault by shotgun, initial encounter	Diagnosis	ICD-10-CM
X94.0XXD	Assault by shotgun, subsequent encounter	Diagnosis	ICD-10-CM
X94.1XXA	Assault by hunting rifle, initial encounter	Diagnosis	ICD-10-CM
X94.1XXD	Assault by hunting rifle, subsequent encounter	Diagnosis	ICD-10-CM
X94.2XXA	Assault by machine gun, initial encounter	Diagnosis	ICD-10-CM
X94.2XXD	Assault by machine gun, subsequent encounter	Diagnosis	ICD-10-CM
X94.8XXA	Assault by other larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X94.8XXD	Assault by other larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X94.9XXA	Assault by unspecified larger firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X94.9XXD	Assault by unspecified larger firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X95.02XA	Assault by paintball gun discharge, initial encounter	Diagnosis	ICD-10-CM
X95.02XD	Assault by paintball gun discharge, subsequent encounter	Diagnosis	ICD-10-CM
X95.09XA	Assault by other gas, air or spring-operated gun, initial encounter	Diagnosis	ICD-10-CM
X95.09XD	Assault by other gas, air or spring-operated gun, subsequent encounter	Diagnosis	ICD-10-CM
X95.8XXA	Assault by other firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X95.8XXD	Assault by other firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X95.9XXA	Assault by unspecified firearm discharge, initial encounter	Diagnosis	ICD-10-CM
X95.9XXD	Assault by unspecified firearm discharge, subsequent encounter	Diagnosis	ICD-10-CM
X96.0XXA	Assault by antipersonnel bomb, initial encounter	Diagnosis	ICD-10-CM
X96.0XXD	Assault by antipersonnel bomb, subsequent encounter	Diagnosis	ICD-10-CM
X96.1XXA	Assault by gasoline bomb, initial encounter	Diagnosis	ICD-10-CM
X96.1XXD	Assault by gasoline bomb, subsequent encounter	Diagnosis	ICD-10-CM
X96.2XXA	Assault by letter bomb, initial encounter	Diagnosis	ICD-10-CM
X96.2XXD	Assault by letter bomb, subsequent encounter	Diagnosis	ICD-10-CM
X96.3XXA	Assault by fertilizer bomb, initial encounter	Diagnosis	ICD-10-CM
X96.3XXD	Assault by fertilizer bomb, subsequent encounter	Diagnosis	ICD-10-CM
X96.4XXA	Assault by pipe bomb, initial encounter	Diagnosis	ICD-10-CM
X96.4XXD	Assault by pipe bomb, subsequent encounter	Diagnosis	ICD-10-CM
X96.8XXA	Assault by other specified explosive, initial encounter	Diagnosis	ICD-10-CM
X96.8XXD	Assault by other specified explosive, subsequent encounter	Diagnosis	ICD-10-CM
X96.9XXA	Assault by unspecified explosive, initial encounter	Diagnosis	ICD-10-CM
X96.9XXD	Assault by unspecified explosive, subsequent encounter	Diagnosis	ICD-10-CM
Y04.0XXA	Assault by unarmed brawl or fight, initial encounter	Diagnosis	ICD-10-CM
Y04.0XXD	Assault by unarmed brawl or fight, subsequent encounter	Diagnosis	ICD-10-CM
Y04.2XXA	Assault by strike against or bumped into by another person, initial encounter	Diagnosis	ICD-10-CM
	, 5	5	-
Y04.2XXD	Assault by strike against or bumped into by another person, subsequent	Diagnosis	ICD-10-CM

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Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes, International Classification of Diseases, Tenth Revision (ICD-10-PCS), Procedure Codes, and Current Procedural Terminology, Fourth Edition (CPT-4), Category I Procedure Codes Used to Define Censoring Criteria and Outcomes in this Request

Code	Description	Code Category Code Type		
Y04.8XXA	Assault by other bodily force, initial encounter	Diagnosis	ICD-10-CM	
Y04.8XXD	Assault by other bodily force, subsequent encounter	Diagnosis	ICD-10-CM	
Y22.XXXA	Handgun discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM	
Y22.XXXD	Handgun discharge, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM	
Y23.0XXA	Shotgun discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM	
Y23.0XXD	Shotgun discharge, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM	
Y23.1XXA	Hunting rifle discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM	
Y23.1XXD	Hunting rifle discharge, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM	
Y23.2XXA	Military firearm discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM	
Y23.2XXD	Military firearm discharge, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM	
Y23.3XXA	Machine gun discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM	
Y23.3XXD	Machine gun discharge, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM	
Y23.8XXA	Other larger firearm discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM	
Y23.8XXD	Other larger firearm discharge, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM	
Y23.9XXA	Unspecified larger firearm discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM	
Y23.9XXD	Unspecified larger firearm discharge, undetermined intent, subsequent	Diagnosis	ICD-10-CM	
Y24.0XXA	Airgun discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM	
Y24.0XXD	Airgun discharge, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM	
Y24.8XXA	Other firearm discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM	
Y24.8XXD	Other firearm discharge, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM	
Y24.9XXA	Unspecified firearm discharge, undetermined intent, initial encounter	Diagnosis	ICD-10-CM	
Y24.9XXD	Unspecified firearm discharge, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM	
Y25.XXXA	Contact with explosive material, undetermined intent, initial encounter	Diagnosis	ICD-10-CM	
Y25.XXXD	Contact with explosive material, undetermined intent, subsequent encounter	Diagnosis	ICD-10-CM	
Y35.001A	Legal intervention involving unspecified firearm discharge, law enforcement official injured, initial encounter	Diagnosis	ICD-10-CM	
Y35.001D	Legal intervention involving unspecified firearm discharge, law enforcement official injured, subsequent encounter	Diagnosis	ICD-10-CM	
Y35.002A	Legal intervention involving unspecified firearm discharge, bystander injured, initial encounter	Diagnosis	ICD-10-CM	
Y35.002D	Legal intervention involving unspecified firearm discharge, bystander injured, subsequent encounter	Diagnosis	ICD-10-CM	
Y35.003A	Legal intervention involving unspecified firearm discharge, suspect injured, initial encounter	Diagnosis	ICD-10-CM	
Y35.003D	Legal intervention involving unspecified firearm discharge, suspect injured, subsequent encounter	Diagnosis	ICD-10-CM	
Y35.011A	Legal intervention involving injury by machine gun, law enforcement official injured, initial encounter	Diagnosis	ICD-10-CM	
Y35.011D	Legal intervention involving injury by machine gun, law enforcement official injured, subsequent encounter	Diagnosis	ICD-10-CM	
Y35.012A	Legal intervention involving injury by machine gun, bystander injured, initial encounter	Diagnosis	ICD-10-CM	
Y35.012D	Legal intervention involving injury by machine gun, bystander injured, subsequent encounter	Diagnosis	ICD-10-CM	

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Code	Description	Code Catego	ry Code Type
Y35.013A	Legal intervention involving injury by machine gun, suspect injured, initial encounter	Diagnosis	ICD-10-CM
Y35.013D	Legal intervention involving injury by machine gun, suspect injured, subsequent encounter	Diagnosis	ICD-10-CM
Y35.021A	Legal intervention involving injury by handgun, law enforcement official injured, initial encounter	Diagnosis	ICD-10-CM
Y35.021D	Legal intervention involving injury by handgun, law enforcement official injured, subsequent encounter	Diagnosis	ICD-10-CM
Y35.022A	Legal intervention involving injury by handgun, bystander injured, initial encounter	Diagnosis	ICD-10-CM
Y35.022D	Legal intervention involving injury by handgun, bystander injured, subsequent encounter	Diagnosis	ICD-10-CM
Y35.023A	Legal intervention involving injury by handgun, suspect injured, initial encounter	Diagnosis	ICD-10-CM
Y35.023D	Legal intervention involving injury by handgun, suspect injured, subsequent encounter	Diagnosis	ICD-10-CM
Y35.031A	Legal intervention involving injury by rifle pellet, law enforcement official injured, initial encounter	•	ICD-10-CM
Y35.031D	Legal intervention involving injury by rifle pellet, law enforcement official injured, subsequent encounter	Diagnosis	ICD-10-CM
Y35.032A	Legal intervention involving injury by rifle pellet, bystander injured, initial encounter	Diagnosis	ICD-10-CM
Y35.032D	Legal intervention involving injury by rifle pellet, bystander injured, subsequent encounter	Diagnosis	ICD-10-CM
Y35.033A	Legal intervention involving injury by rifle pellet, suspect injured, initial encounter	Diagnosis	ICD-10-CM
Y35.033D	Legal intervention involving injury by rifle pellet, suspect injured, subsequent encounter	Diagnosis	ICD-10-CM
Y35.041A	Legal intervention involving injury by rubber bullet, law enforcement official injured, initial encounter	Diagnosis	ICD-10-CM
Y35.041D	Legal intervention involving injury by rubber bullet, law enforcement official injured, subsequent encounter	Diagnosis	ICD-10-CM
Y35.042A	Legal intervention involving injury by rubber bullet, bystander injured, initial encounter	Diagnosis	ICD-10-CM
Y35.042D	Legal intervention involving injury by rubber bullet, bystander injured, subsequent encounter	Diagnosis	ICD-10-CM
Y35.043A	Legal intervention involving injury by rubber bullet, suspect injured, initial encounter	Diagnosis	ICD-10-CM
Y35.043D	Legal intervention involving injury by rubber bullet, suspect injured, subsequent encounter	Diagnosis	ICD-10-CM
Y35.091A	Legal intervention involving other firearm discharge, law enforcement official injured, initial encounter	Diagnosis	ICD-10-CM
Y35.091D	Legal intervention involving other firearm discharge, law enforcement official injured, subsequent encounter	Diagnosis	ICD-10-CM
Y35.092A	Legal intervention involving other firearm discharge, bystander injured, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
Y35.092D	Legal intervention involving other firearm discharge, bystander injured, subsequent encounter	Diagnosis	ICD-10-CM
Y35.093A	Legal intervention involving other firearm discharge, suspect injured, initial encounter	Diagnosis	ICD-10-CM
Y35.093D	Legal intervention involving other firearm discharge, suspect injured, subsequent encounter	Diagnosis	ICD-10-CM

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Appendix D. List of Generic and Brand Names of Medical Products Used to Define Inclusion and Exclusion Criteria in this Request

Generic Name	Brand Name
	Anti-coagulants
apixaban	Eliquis
apixaban	Eliquis DVT-PE Treat 30D Start
dabigatran etexilate mesylate	Pradaxa
dabigatran etexilate mesylate	dabigatran etexilate
edoxaban tosylate	Savaysa
rivaroxaban	Xarelto
rivaroxaban	Xarelto DVT-PE Treat 30d Start
warfarin sodium	Coumadin
warfarin sodium	warfarin
warfarin sodium	Jantoven

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		Code	
Code	Description	Category	Code Type
	Dialysis		
792.5	Cloudy (hemodialysis) (peritoneal) dialysis affluent	Diagnosis	ICD-9-CM
V45.1	Renal dialysis status	Diagnosis	ICD-9-CM
V45.11	Renal dialysis status	Diagnosis	ICD-9-CM
V45.12	Noncompliance with renal dialysis	Diagnosis	ICD-9-CM
V56.0	Encounter for extracorporeal dialysis	Diagnosis	ICD-9-CM
V56.1	Fitting and adjustment of extracorporeal dialysis catheter	Diagnosis	ICD-9-CM
V56.2	Fitting and adjustment of peritoneal dialysis catheter	Diagnosis	ICD-9-CM
V56.3	Encounter for adequacy testing for dialysis	Diagnosis	ICD-9-CM
V56.31	Encounter for adequacy testing for hemodialysis	Diagnosis	ICD-9-CM
V56.32	Encounter for adequacy testing for peritoneal dialysis	Diagnosis	ICD-9-CM
V56.8	Encounter other dialysis	Diagnosis	ICD-9-CM
R88.0	Cloudy (hemodialysis) (peritoneal) dialysis effluent	Diagnosis	ICD-10-CM
Z49.01	Encounter for fitting and adjustment of extracorporeal dialysis catheter	Diagnosis	ICD-10-CM
Z49.02	Encounter for fitting and adjustment of peritoneal dialysis catheter	Diagnosis	ICD-10-CM
Z49.31	Encounter for adequacy testing for hemodialysis	Diagnosis	ICD-10-CM
Z49.32	Encounter for adequacy testing for peritoneal dialysis	Diagnosis	ICD-10-CM
Z91.15	Patient's noncompliance with renal dialysis	Diagnosis	ICD-10-CM
Z99.2	Dependence on renal dialysis	Diagnosis	ICD-10-CM
90935	Hemodialysis procedure with single evaluation by a physician or other qualified health care professional	Procedure	CPT-4
90937	Hemodialysis procedure requiring repeated evaluation(s) with or without substantial revision of dialysis prescription	Procedure	CPT-4
90939	Hemodialysis access flow study to determine blood flow in grafts and arteriovenous fistulae by an indicator dilution method, hook-up; transcutaneous measurement and disconnection	Procedure	CPT-4
90940	Hemodialysis access flow study to determine blood flow in grafts and arteriovenous fistulae by an indicator method	Procedure	CPT-4
90941	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	CPT-4
90942	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	
90943	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	
90944	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	CPT-4
90945	Dialysis procedure other than hemodialysis (eg, peritoneal dialysis, hemofiltration, or other continuous renal replacement therapies), with single evaluation by a physician or other qualified health care professional	Procedure	CPT-4
90947	Dialysis procedure other than hemodialysis (eg, peritoneal dialysis, hemofiltration, or other continuous renal replacement therapies) requiring repeated evaluations by a physician or other qualified health care professional, with or without substantial revision of dialysis prescription	Procedure	CPT-4
90951	End-stage renal disease (ESRD) related services monthly, for patients younger than 2 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents; with 4 or more face-to-face visits by a physician or other qualified health care professional per month	Procedure	CPT-4

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Code	Description	Code Category	Code Type
90952	End-stage renal disease (ESRD) related services monthly, for patients younger than 2 years	Procedure	
30332	of age to include monitoring for the adequacy of nutrition, assessment of growth and		C
	development, and counseling of parents; with 2-3 face-to-face visits by a physician or other		
	qualified health care professional per month		
90953	End-stage renal disease (ESRD) related services monthly, for patients younger than 2 years	Procedure	CPT-4
	of age to include monitoring for the adequacy of nutrition, assessment of growth and		
	development, and counseling of parents; with 1 face-to-face visit by a physician or other		
	qualified health care professional per month		
90954	End-stage renal disease (ESRD) related services monthly, for patients 2-11 years of age to	Procedure	CPT-4
	include monitoring for the adequacy of nutrition, assessment of growth and development,		
	and counseling of parents; with 4 or more face-to-face visits by a physician or other qualified		
	health care professional per month		
90955	End-stage renal disease (ESRD) related services monthly, for patients 2-11 years of age to	Procedure	CPT-4
	include monitoring for the adequacy of nutrition, assessment of growth and development,		
	and counseling of parents; with 2-3 face-to-face visits by a physician or other qualified		
	health care professional per month		
90956	End-stage renal disease (ESRD) related services monthly, for patients 2-11 years of age to	Procedure	CPT-4
	include monitoring for the adequacy of nutrition, assessment of growth and development,		
	and counseling of parents; with 1 face-to-face visit by a physician or other qualified health		
00057	care professional per month	Dun and duna	CDT 4
90957	End-stage renal disease (ESRD) related services monthly, for patients 12-19 years of age to	Procedure	CP1-4
	include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents; with 4 or more face-to-face visits by a physician or other qualified		
	health care professional per month		
90958	End-stage renal disease (ESRD) related services monthly, for patients 12-19 years of age to	Procedure	CDT_/I
<i>5</i> 0556	include monitoring for the adequacy of nutrition, assessment of growth and development,	riocedure	CI I-4
	and counseling of parents; with 2-3 face-to-face visits by a physician or other qualified		
	health care professional per month		
90959	End-stage renal disease (ESRD) related services monthly, for patients 12-19 years of age to	Procedure	CPT-4
	include monitoring for the adequacy of nutrition, assessment of growth and development,		
	and counseling of parents; with 1 face-to-face visit by a physician or other qualified health		
	care professional per month		
90960	End-stage renal disease (ESRD) related services monthly, for patients 20 years of age and	Procedure	CPT-4
	older; with 4 or more face-to-face visits by a physician or other qualified health care		
	professional per month		
90961	End-stage renal disease (ESRD) related services monthly, for patients 20 years of age and	Procedure	CPT-4
	older; with 2-3 face-to-face visits by a physician or other qualified health care professional		
	per month		
90962	End-stage renal disease (ESRD) related services monthly, for patients 20 years of age and	Procedure	CPT-4
	older; with 1 face-to-face visit by a physician or other qualified health care professional per		
	month		
90963	End-stage renal disease (ESRD) related services for home dialysis per full month, for patients	Procedure	CPT-4
	younger than 2 years of age to include monitoring for the adequacy of nutrition, assessment		
	of growth and development, and counseling of parents		

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		Code	
Code	Description	Category	Code Type
90964	End-stage renal disease (ESRD) related services for home dialysis per full month, for patients	Procedure	CPT-4
	2-11 years of age to include monitoring for the adequacy of nutrition, assessment of growth		
	and development, and counseling of parents		
90965	End-stage renal disease (ESRD) related services for home dialysis per full month, for patients	Procedure	CPT-4
	12-19 years of age to include monitoring for the adequacy of nutrition, assessment of		
	growth and development, and counseling of parents		
90966	End-stage renal disease (ESRD) related services for home dialysis per full month, for patients	Procedure	CPT-4
	20 years of age and older		
90967	End-stage renal disease (ESRD) related services for dialysis less than a full month of service,	Procedure	CPT-4
	per day; for patients younger than 2 years of age		
90968	End-stage renal disease (ESRD) related services for dialysis less than a full month of service,	Procedure	CPT-4
	per day; for patients 2-11 years of age		
90969	End-stage renal disease (ESRD) related services for dialysis less than a full month of service,	Procedure	CPT-4
	per day; for patients 12-19 years of age		
90970	End-stage renal disease (ESRD) related services for dialysis less than a full month of service,	Procedure	CPT-4
	per day; for patients 20 years of age and older		
90976	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	
90977	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	
90978	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	
90979	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	
90982	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	
90983	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	
90984	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	
90985	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	
90988	Supervision Of Hemodialysis In Hospital Or Other Facility (excluding Home Dialysis), On Monthly Basis	Procedure	CPT-4
90989	Dialysis training, patient, including helper where applicable, any mode, completed course	Procedure	CPT-4
90990	Hemodialysis Training And/or Counseling	Procedure	CPT-4
90991	Home Hemodialysis Care, Outpatient, For Those Services Either Provided By The Physician	Procedure	CPT-4
	Primarily Responsible		
90992	Peritoneal Dialysis Training And/or Counseling	Procedure	CPT-4
90993	Dialysis training, patient, including helper where applicable, any mode, course not	Procedure	CPT-4
	completed, per training session		
90994	Supervision Of Chronic Ambulatory Peritoneal Dialysis (capd), Home Or Out-patient	Procedure	
90995	End Stage Renal Disease (esrd) Related Services, Per Full Month	Procedure	
90996	Continuous Arteriovenous Hemofiltration (cavh) (per Day)	Procedure	
90997	Hemoperfusion (eg, with activated charcoal or resin)	Procedure	
90998	End Stage Renal Disease (esrd) Related Services (less Than Full Month), Per Day	Procedure	
90999	Unlisted dialysis procedure, inpatient or outpatient	Procedure	CPT-4
EEG	Kidney replacement Transplant of kidney	Drocodura	ICD 0 CM
556 5561	Transplant of kidney	Procedure Procedure	
5561	Renal autotransplantation		
5569 99681	Other kidney transplantation	Procedure	
99681	Complications of transplanted kidney	Diagnosis	ICD-3-CIVI

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N420 Kidney replaced by transplant 186.11 Vicey transplant rejection 186.12 Kidney transplant rejection 186.13 Kidney transplant rejection 186.13 Kidney transplant failure 186.13 Kidney transplant failure 186.13 Kidney transplant infection 186.13 Kidney transplant infection 186.13 Chieve transplant infection 186.14 Chieve transplant infection 186.15 Chieve transplant tastus 186.18 Chieve transplant status 186.18 Chieve transplant status 186.18 Chieve transplant status 186.19 Chieve transplant status 186.10 Chieve transplant status 186.10 Chieve transplant status 186.10 Chieve transplant status 186.10 Chieve transplantation of Right Kidney, Open Approach 187.10 Chieve transplantation of Right Kidney, Allogeneic, Open Approach 187.10 Chieve transplantation of Right Kidney, Sungeneic, Open Approach 187.10 Chieve transplantation of Right Kidney, Zooplastic, Open Approach 187.10 Chieve transplantation of Left Kidney, Sungeneic, Open Approach 187.10 Chieve transplantation of Left Kidney, Sungeneic, Open Approach 187.10 Chieve transplantation of Left Kidney, Sungeneic, Open Approach 188.14 Acute venous embolism and thrombosis of deep vessels of lower extremity 188.14 Acute venous embolism and thrombosis of deep vessels of lower extremity 188.14 Acute venous embolism and thrombosis of deep vessels of lower extremity 188.14 Acute venous embolism and thrombosis of deep vessels of lower extremity 188.15 Philebitis and thrombophlebitis of deep vessels of lower extremity 188.16 Philebitis and thrombophlebitis of deep vessels of lower extremity 188.17 Philebitis and thrombophlebitis of deep vessels of lower extremity 188.18 Philebitis and thrombophlebitis of lower extremities, unspecified 188.19 Philebitis and thrombophlebitis of lower extremities, unspecified 188.10 Philebitis and thrombophlebitis of unspecified d			Code	
186.10 Unspecified complication of kidney transplant Diagnosis ICD-10-CM 186.11 Kidney transplant failure Diagnosis ICD-10-CM 186.13 Kidney transplant infection Diagnosis ICD-10-CM 186.13 Kidney transplant infection Diagnosis ICD-10-CM 248.22 Encounter for aftercare following kidney transplant Diagnosis ICD-10-CM 075002Z Reposition Right Kidney, Open Approach Procedure ICD-10-CM 075002Z Reposition Left Kidney, Open Approach Procedure ICD-10-CD 075002Z Reposition Left Kidney, Syngeneic, Open Approach Procedure ICD-10-CD 077002Z Transplantation of Right Kidney, Syngeneic, Open Approach Procedure ICD-10-PC 077102Z Transplantation of Left Kidney, Allogeneic, Open Approach Procedure ICD-10-PC 077102Z Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PC 077102Z Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PC 077102Z Transplantation of Left Kidney, Syngeneic, Open Approach Procedure <th>Code</th> <th>Description</th> <th>Category</th> <th>Code Type</th>	Code	Description	Category	Code Type
186.12 Kidney transplant rejection Diagnosis ICD-10-CM 186.12 Kidney transplant infection Diagnosis ICD-10-CM 186.13 Kidney transplant infection Diagnosis ICD-10-CM 186.19 Other complication of kidney transplant Diagnosis ICD-10-CM 284.22 Encounter for aftercare following kidney transplant Diagnosis ICD-10-CM 294.0 Kidney transplant status Diagnosis ICD-10-CM 075002Z Reposition Right Kidney, Open Approach Procedure ICD-10-PC 077002Z Reposition Left Kidney, Open Approach Procedure ICD-10-PC 077002D Transplantation of Right Kidney, Syngeneic, Open Approach Procedure ICD-10-PC 077002Z Transplantation of Left Kidney, Allogeneic, Open Approach Procedure ICD-10-PC 077102D Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PC 077102D Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PC 077102D Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PC	V420	Kidney replaced by transplant	Diagnosis	ICD-9-CM
186.12 Kidney transplant failure Diagnosis ICD-10-CM 186.13 Kidney transplant infection Diagnosis ICD-10-CM 186.13 Other complication of kidney transplant Diagnosis ICD-10-CM 284.22 Encounter for aftercare following kidney transplant Diagnosis ICD-10-CM 294.0 Kidney transplant status Diagnosis ICD-10-CM 075002Z Reposition Right Kidney, Open Approach Procedure ICD-10-CM 075002Z Transplantation of Right Kidney, Allogeneic, Open Approach Procedure ICD-10-PC 0770021 Transplantation of Right Kidney, Syngeneic, Open Approach Procedure ICD-10-PC 0771021 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PC 0771021 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PC 0771021 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PC 0771021 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PC 0771021 Transplantation of Left Kidney, Syngeneic, Open Approach	T86.10	Unspecified complication of kidney transplant	Diagnosis	ICD-10-CM
186.13 Kidney transplant infection Diagnosis ICD-10-CM 186.19 Other complication of kidney transplant Diagnosis ICD-10-CM 284.0 Kidney transplant status Diagnosis ICD-10-CM 075002Z Reposition Right Kidney, Open Approach Procedure ICD-10-CM 075002Z Reposition Right Kidney, Open Approach Procedure ICD-10-PC 077002D Transplantation of Right Kidney, Allogeneic, Open Approach Procedure ICD-10-PC 077002D Transplantation of Right Kidney, Zooplastic, Open Approach Procedure ICD-10-PC 077002D Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PC 077102D Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PC 077102D Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PC 077102D Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PC 077102D Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PC 077102D Transplantation of Left Kidney, Zooplastic,	T86.11	Kidney transplant rejection	Diagnosis	ICD-10-CM
T86.19 Other complication of kidney transplant Diagnosis ICD-10-CM Z48.22 Encounter for aftercare following kidney transplant Diagnosis ICD-10-CM Diagnosis ICD-9-CM Diagnosis	T86.12	Kidney transplant failure	Diagnosis	ICD-10-CM
248.22 Encounter for aftercare following kidney transplant 294.0 Kidney transplant status Diagnosis (CD-10-CM CD-10-PCS DIYO020 Transplantation of Right Kidney, Allogeneic, Open Approach Diagnosis (CD-10-PCS DIYO021 Transplantation of Right Kidney, Syngeneic, Open Approach DIYO022 Transplantation of Right Kidney, Zooplastic, Open Approach DIYO023 Transplantation of Left Kidney, Allogeneic, Open Approach DIYO102 Transplantation of Left Kidney, Syngeneic, Open Approach DIYO102 Transplantation of Left Kidney, Zooplastic, Open Approach DIYO102 Transplantation of Left Kidney, Syngeneic, Open Approach DIYO102 Transplantation of Left Kidney, Songeneic, Open Approach DIYO102 Transplantation of Left Kidney, Zooplastic, Open Approach DIYO102 Transplantation of Left Kidney, Zooplastic, Open Approach DIYO102 Transplantation of Left Kidney, Zooplastic, Open Approach DIYO102 Transplantation of Left Kidney DIYO102 Transplantation DIYO102 Transplantation of Left Kidney DIYO102 Transplantation DI	T86.13	Kidney transplant infection	Diagnosis	ICD-10-CM
Diagnosis CD-10-CM	T86.19	Other complication of kidney transplant	Diagnosis	ICD-10-CM
0TS00ZZ Reposition Right Kidney, Open Approach Procedure ICD-10-PCS 0TS10ZZ Reposition Left Kidney, Open Approach Procedure ICD-10-PCS 0TY00Z1 Transplantation of Right Kidney, Allogeneic, Open Approach Procedure ICD-10-PCS 0TY00Z2 Transplantation of Right Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS 0TY10Z1 Transplantation of Left Kidney, Allogeneic, Open Approach Procedure ICD-10-PCS 0TY10Z2 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS 0TY10Z2 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS 0TY10Z2 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS 45344 Acute venous embolism and thrombosis of deep vessels of lower extremity Diagnosis ICD-9-CM 45341 Acute venous embolism and thrombosis of deep vessels of proximal lower extremity Diagnosis ICD-9-CM 45311 Phlebitis and thrombophlebitis of deep veins of lower extremities Diagnosis ICD-9-CM 45111 Phlebitis and thrombophlebitis of leep veins of lower extremities, other Di	Z48.22	Encounter for aftercare following kidney transplant	Diagnosis	ICD-10-CM
OTS10ZZ Reposition Left Kidney, Open Approach OTY0020 Transplantation of Right Kidney, Allogeneic, Open Approach OTY0021 Transplantation of Right Kidney, Syngeneic, Open Approach OTY0022 Transplantation of Right Kidney, Syngeneic, Open Approach OTY0022 Transplantation of Right Kidney, Syngeneic, Open Approach OTY1020 Transplantation of Left Kidney, Allogeneic, Open Approach OTY1021 Transplantation of Left Kidney, Allogeneic, Open Approach OTY1022 Transplantation of Left Kidney, Syngeneic, Open Approach OTY1022 Transplantation of Left Kidney, Syngeneic, Open Approach OTY1022 Transplantation of Left Kidney, Sopolastic, Open Approach OTY1022 Transplantation of Left Kidney, Approach Diagnosis CD-9-CM OTY1022 Transplantation of Left Kidney, Approach OTY1022 Transplantation of Left Kidney, Approach Diagnosis CD-9-CM OTY1022 Transplantation of Left Kidney, Approach Diagnosis CD-9-CM Diagnosis CD-9-C	Z94.0	Kidney transplant status	Diagnosis	ICD-10-CM
OTYOOZO Transplantation of Right Kidney, Allogeneic, Open Approach Procedure ICD-10-PCS OTYOOZO Transplantation of Right Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS OTYOOZO Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1020 Transplantation of Left Kidney, Allogeneic, Open Approach Procedure ICD-10-PCS OTY1021 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS OTY102-PCS OTY	OTS00ZZ	Reposition Right Kidney, Open Approach	Procedure	ICD-10-PCS
OTYOOZ1 Transplantation of Right Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS OTYOOZ2 Transplantation of Right Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1020 Transplantation of Left Kidney, Allogeneic, Open Approach Procedure ICD-10-PCS OTY1021 Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS OTY102-PCS OTY102-PCS OTY102-PCS OTY102-PCS O	OTS10ZZ	Reposition Left Kidney, Open Approach	Procedure	ICD-10-PCS
Transplantation of Right Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS Transplantation of Left Kidney, Allogeneic, Open Approach Procedure ICD-10-PCS Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS Deep vein thrombosis 45344 Acute venous embolism and thrombosis of deep vessels of lower extremity Polagnosis ICD-9-CM Acute venous embolism and thrombosis of deep vessels of proximal lower extremity Polagnosis ICD-9-CM Acute venous embolism and thrombosis of deep vessels of distal lower extremity Polagnosis ICD-9-CM Acute venous embolism and thrombosis of deep vessels of distal lower extremity Polagnosis ICD-9-CM Acute venous embolism and thrombosis of deep vessels of distal lower extremity Polagnosis ICD-9-CM Acute venous embolism and thrombosis of deep vessels of distal lower extremity Polagnosis ICD-9-CM Acute venous embolism and thrombosis of deep vessels of lower extremities Polagnosis ICD-9-CM Acute venous embolism and thrombosis of deep veins of lower extremities, other Polagnosis ICD-9-CM Acute venous embolism and thrombosis of deep veins of lower extremities, other Polagnosis ICD-9-CM Acute venous embolism and thrombophlebitis of lower extremities, unspecified Polagnosis ICD-9-CM Acute venous embolism and thrombophlebitis of lower extremities Polagnosis ICD-9-CM Acute venous embolism and thrombophlebitis of upper extremities, unspecified Polagnosis ICD-9-CM Acute venous embolism and thrombophlebitis of upper extremities, unspecified Polagnosis ICD-9-CM Acute venous embolism and thrombophlebitis of upper extremities, unspecified Polagnosis ICD-9-CM Acute venous embolism and thrombophlebitis of upper extremities, unspecified Diagnosis ICD-9-CM Acute venous embolism and thrombophlebitis of upper extremities, unspecified Diagnosis ICD-10-CM Bolagnosis ICD-10-CM Bolagnosis ICD-10-CM Bolagnosis ICD-10-CM Bolagnosis ICD	0TY00Z0	Transplantation of Right Kidney, Allogeneic, Open Approach	Procedure	ICD-10-PCS
Transplantation of Left Kidney, Allogeneic, Open Approach Transplantation of Left Kidney, Syngeneic, Open Approach Transplantation of Left Kidney, Syngeneic, Open Approach Transplantation of Left Kidney, Syngeneic, Open Approach Procedure ICD-10-PCS Deep vein thrombosis 45344 Acute venous embolism and thrombosis of deep vessels of lower extremity Diagnosis ICD-9-CM 45340 Acute venous embolism and thrombosis of unspecified deep vessels of lower extremity Diagnosis ICD-9-CM 45341 Acute venous embolism and thrombosis of deep vessels of proximal lower extremity Diagnosis ICD-9-CM 45342 Acute venous embolism and thrombosis of deep vessels of proximal lower extremity Diagnosis ICD-9-CM 45343 Acute venous embolism and thrombosis of deep vessels of fixed lower extremity Diagnosis ICD-9-CM 45111 Phlebitis and thrombophlebitis of deep veins of lower extremities Phlebitis and thrombophlebitis of femoral vein (deep) (superficial) Phlebitis and thrombophlebitis of lower extremities, unspecified Phlebitis and thrombophlebitis of lower extremities, unspecified Phlebitis and thrombophlebitis of lower extremities, unspecified Phlebitis and thrombophlebitis of upper extremities, unspecified Phlebitis and thrombophlebitis of unspecified femoral vein Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of unspec	0TY00Z1	Transplantation of Right Kidney, Syngeneic, Open Approach	Procedure	ICD-10-PCS
Transplantation of Left Kidney, Syngeneic, Open Approach Transplantation of Left Kidney, Zooplastic, Open Approach Deep vein thrombosis 4534 Acute venous embolism and thrombosis of deep vessels of lower extremity Diagnosis ICD-9-CM 45340 Acute venous embolism and thrombosis of unspecified deep vessels of lower extremity Diagnosis ICD-9-CM 45341 Acute venous embolism and thrombosis of deep vessels of proximal lower extremity Diagnosis ICD-9-CM 45342 Acute venous embolism and thrombosis of deep vessels of proximal lower extremity Diagnosis ICD-9-CM 45343 Acute venous embolism and thrombosis of deep vessels of distal lower extremity Diagnosis ICD-9-CM 45341 Phlebitis and thrombophlebitis of deep veins of lower extremities Diagnosis ICD-9-CM 45111 Phlebitis and thrombophlebitis of femoral vein (deep) (superficial) Diagnosis ICD-9-CM 45112 Phlebitis and thrombophlebitis of lower extremities, other Diagnosis ICD-9-CM 45131 Phlebitis and thrombophlebitis of lower extremities, unspecified Diagnosis ICD-9-CM 45181 Phlebitis and thrombophlebitis of deep veins of upper extremities Diagnosis ICD-9-CM 45183 Phlebitis and thrombophlebitis of upper extremities, unspecified Diagnosis ICD-9-CM 45180 Phlebitis and thrombophlebitis of upper extremities, unspecified Diagnosis ICD-9-CM 45180 Phlebitis and thrombophlebitis of upper extremities, unspecified Diagnosis ICD-9-CM 45180 Phlebitis and thrombophlebitis of inspecified femoral vein Diagnosis ICD-9-CM 45180.10 Phlebitis and thrombophlebitis of inspecified deep vessels of right lower extremity Diagnosis ICD-10-CM 45180.21 Phlebitis and thrombophlebitis of left femoral vein Diagnosis ICD-10-CM 45180.22 Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Diagnosis ICD-10-CM 45180.220 Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Diagnosis ICD-10-CM 45180.221 Phlebitis and thrombophlebitis of injet filiac vein Diagnosis ICD-10-CM 45180.221 Phlebitis and thrombophlebitis of right iliac vein Diagnosis ICD-10-CM 45180.222 Ph	0TY00Z2	Transplantation of Right Kidney, Zooplastic, Open Approach	Procedure	ICD-10-PCS
OTY1022 Transplantation of Left Kidney, Zooplastic, Open Approach Procedure ICD-10-PCS 4534 Acute venous embolism and thrombosis of deep vessels of lower extremity Diagnosis ICD-9-CM 45340 Acute venous embolism and thrombosis of deep vessels of lower extremity Diagnosis ICD-9-CM 45341 Acute venous embolism and thrombosis of deep vessels of proximal lower extremity Diagnosis ICD-9-CM 45342 Acute venous embolism and thrombosis of deep vessels of distal lower extremity Diagnosis ICD-9-CM 45111 Phlebitis and thrombophlebitis of deep veins of lower extremities Diagnosis ICD-9-CM 45111 Phlebitis and thrombophlebitis of femoral vein (deep) (superficial) Diagnosis ICD-9-CM 45112 Phlebitis and thrombophlebitis of lower extremities, unspecified Diagnosis ICD-9-CM 45181 Phlebitis and thrombophlebitis of diac vein Diagnosis ICD-9-CM 45183 Phlebitis and thrombophlebitis of deep veins of upper extremities Diagnosis ICD-9-CM 45181 Phlebitis and thrombophlebitis of upper extremities, unspecified Diagnosis ICD-9-CM 45182 Phlebitis and thrombophlebiti	0TY10Z0	Transplantation of Left Kidney, Allogeneic, Open Approach	Procedure	ICD-10-PCS
4534 Acute venous embolism and thrombosis of deep vessels of lower extremity Diagnosis ICD-9-CM 45340 Acute venous embolism and thrombosis of unspecified deep vessels of lower extremity Diagnosis ICD-9-CM 45341 Acute venous embolism and thrombosis of unspecified deep vessels of lower extremity Diagnosis ICD-9-CM 45342 Acute venous embolism and thrombosis of deep vessels of groximal lower extremity Diagnosis ICD-9-CM 4511 Phlebitis and thrombophlebitis of deep veins of lower extremities Diagnosis ICD-9-CM 4511 Phlebitis and thrombophlebitis of femoral vein (deep) (superficial) Diagnosis ICD-9-CM 4511 Phlebitis and thrombophlebitis of deep veins of lower extremities, other Diagnosis ICD-9-CM 4512 Phlebitis and thrombophlebitis of lower extremities, unspecified Diagnosis ICD-9-CM 45181 Phlebitis and thrombophlebitis of lower extremities, unspecified Diagnosis ICD-9-CM 45183 Phlebitis and thrombophlebitis of deep veins of upper extremities Diagnosis ICD-9-CM 45183 Phlebitis and thrombophlebitis of upper extremities, unspecified Diagnosis ICD-9-CM 45183 Phlebitis and thrombophlebitis of upper extremities, unspecified Diagnosis ICD-9-CM 45180 Phlebitis and thrombophlebitis of upper extremities, unspecified Diagnosis ICD-9-CM 45181 Phlebitis and thrombophlebitis of upper extremities, unspecified Diagnosis ICD-10-CM 180.11 Phlebitis and thrombophlebitis of left femoral vein Diagnosis ICD-10-CM 180.12 Phlebitis and thrombophlebitis of left femoral vein Diagnosis ICD-10-CM 180.20 Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity Diagnosis ICD-10-CM 180.20 Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Diagnosis ICD-10-CM 180.21 Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Diagnosis ICD-10-CM 180.21 Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Diagnosis ICD-10-CM 180.21 Phlebitis and thrombophlebitis of left political vein Diagnosis ICD-10-CM 180.21 Phlebitis and thrombophlebitis of left lilac	0TY10Z1	Transplantation of Left Kidney, Syngeneic, Open Approach	Procedure	ICD-10-PCS
Acute venous embolism and thrombosis of deep vessels of lower extremity 45340 Acute venous embolism and thrombosis of unspecified deep vessels of lower extremity 45341 Acute venous embolism and thrombosis of deep vessels of lower extremity 45342 Acute venous embolism and thrombosis of deep vessels of proximal lower extremity 45342 Acute venous embolism and thrombosis of deep vessels of distal lower extremity 45343 Diagnosis 1CD-9-CM 45341 Phlebitis and thrombophlebitis of deep veins of lower extremities 45342 Phlebitis and thrombophlebitis of femoral vein (deep) (superficial) 45345 Diagnosis 1CD-9-CM 45341 Phlebitis and thrombophlebitis of deep veins of lower extremities, other 45345 Phlebitis and thrombophlebitis of lower extremities, unspecified 45346 Phlebitis and thrombophlebitis of lower extremities, unspecified 45347 Phlebitis and thrombophlebitis of deep veins of upper extremities 45348 Phlebitis and thrombophlebitis of deep veins of upper extremities 45349 Phlebitis and thrombophlebitis of upper extremities, unspecified 45340 Phlebitis and thrombophlebitis of upper extremities, unspecified 45384 Phlebitis and thrombophlebitis of upper extremities, unspecified 45384 Phlebitis and thrombophlebitis of upper extremities, unspecified 45384 Phlebitis and thrombophlebitis of inspecified femoral vein 45385 Phlebitis and thrombophlebitis of inspecified deep veins of inspecified lower extremity 45386 Phlebitis and thrombophlebitis of unspecified deep vessels of left lower extremity 45386 Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity 45386 Diagnosis 450-10-CM 450-1	0TY10Z2	Transplantation of Left Kidney, Zooplastic, Open Approach	Procedure	ICD-10-PCS
Acute venous embolism and thrombosis of unspecified deep vessels of lower extremity 45341 Acute venous embolism and thrombosis of deep vessels of proximal lower extremity 45342 Acute venous embolism and thrombosis of deep vessels of distal lower extremity 4511 Phlebitis and thrombophlebitis of deep veins of lower extremities 4511 Phlebitis and thrombophlebitis of femoral vein (deep) (superficial) 4511 Phlebitis and thrombophlebitis of deep veins of lower extremities, other 4511 Phlebitis and thrombophlebitis of lower extremities, other 4512 Phlebitis and thrombophlebitis of lower extremities, unspecified 45181 Phlebitis and thrombophlebitis of iliac vein 45181 Phlebitis and thrombophlebitis of deep veins of upper extremities 45183 Phlebitis and thrombophlebitis of deep veins of upper extremities 45184 Phlebitis and thrombophlebitis of upper extremities, unspecified 45185 Phlebitis and thrombophlebitis of upper extremities, unspecified 45180 Phlebitis and thrombophlebitis of upper extremities, unspecified 45181 Phlebitis and thrombophlebitis of right femoral vein 45180 Phlebitis and thrombophlebitis of right femoral vein 45180 Phlebitis and thrombophlebitis of inspecified deep vessels of right lower extremity 45181 Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity 45181 Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity 45180 Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity 45180 Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity 45180 Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity 45180 Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity 45180 Phlebitis and thrombophl				
Acute venous embolism and thrombosis of deep vessels of proximal lower extremity Acute venous embolism and thrombosis of deep vessels of distal lower extremity Phlebitis and thrombophlebitis of deep veins of lower extremities Phlebitis and thrombophlebitis of femoral vein (deep) (superficial) Phlebitis and thrombophlebitis of femoral vein (deep) (superficial) Phlebitis and thrombophlebitis of deep veins of lower extremities, other Phlebitis and thrombophlebitis of lower extremities, unspecified Phlebitis and thrombophlebitis of liliac vein Phlebitis and thrombophlebitis of liliac vein Phlebitis and thrombophlebitis of deep veins of upper extremities Phlebitis and thrombophlebitis of unspecified femoral vein Phlebitis and thrombophlebitis of unspecified femoral vein Phlebitis and thrombophlebitis of right femoral vein Phlebitis and thrombophlebitis of left femoral vein Phlebitis and thrombophlebitis of femoral vein Phlebitis and thrombophlebitis of left femoral vein Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of left lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of inspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of inspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of inspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of inspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of inspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of right iliac vein Phlebitis and thrombophlebitis of right politeal vein Phlebitis and thrombophlebitis of left lilac vein Phlebitis an	4534		Diagnosis	ICD-9-CM
Acute venous embolism and thrombosis of deep vessels of distal lower extremity Phlebitis and thrombophlebitis of deep veins of lower extremities Phlebitis and thrombophlebitis of femoral vein (deep) (superficial) Phlebitis and thrombophlebitis of deep veins of lower extremities, other Phlebitis and thrombophlebitis of deep veins of lower extremities, other Phlebitis and thrombophlebitis of deep veins of lower extremities, other Phlebitis and thrombophlebitis of lower extremities, unspecified Phlebitis and thrombophlebitis of liliac vein Phlebitis and thrombophlebitis of deep veins of upper extremities Phlebitis and thrombophlebitis of deep veins of upper extremities Phlebitis and thrombophlebitis of upper extremities, unspecified Phlebitis and thrombophlebitis of upper extremities, unspecified Phlebitis and thrombophlebitis of unspecified femoral vein Phlebitis and thrombophlebitis of right femoral vein Phlebitis and thrombophlebitis of left femoral vein Phlebitis and thrombophlebitis of left femoral vein Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of left lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of inspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of inspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of inspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of inspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of inspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of left liliac vein Phlebitis and thrombophlebitis of liliac	45340	·	Diagnosis	ICD-9-CM
Phlebitis and thrombophlebitis of deep veins of lower extremities Phlebitis and thrombophlebitis of femoral vein (deep) (superficial) Phlebitis and thrombophlebitis of deep veins of lower extremities, other Phlebitis and thrombophlebitis of lower extremities, unspecified Phlebitis and thrombophlebitis of iliac vein Phlebitis and thrombophlebitis of deep veins of upper extremities Phlebitis and thrombophlebitis of deep veins of upper extremities Phlebitis and thrombophlebitis of deep veins of upper extremities Phlebitis and thrombophlebitis of upper extremity Phlebitis and thrombophlebitis of upper extremity Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of right iliac vein Phlebitis and thrombophlebitis of right iliac vein Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of unspecified lilac vein Phlebitis and thrombophlebitis of unspecified lilac ve	45341	Acute venous embolism and thrombosis of deep vessels of proximal lower extremity	Diagnosis	ICD-9-CM
Phlebitis and thrombophlebitis of femoral vein (deep) (superficial) Phlebitis and thrombophlebitis of deep veins of lower extremities, other Phlebitis and thrombophlebitis of lower extremities, unspecified Phlebitis and thrombophlebitis of iliac vein Phlebitis and thrombophlebitis of iliac vein Phlebitis and thrombophlebitis of deep veins of upper extremities Phlebitis and thrombophlebitis of upper extremities Phlebitis and thrombophlebitis of upper extremities Phlebitis and thrombophlebitis of upper extremities, unspecified Phlebitis and thrombophlebitis of upper extremities, unspecified Phlebitis and thrombophlebitis of upper extremities, unspecified Phlebitis and thrombophlebitis of unspecified femoral vein Phlebitis and thrombophlebitis of right femoral vein Phlebitis and thrombophlebitis of left femoral vein Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of left lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of inspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of right iliac vein Phlebitis and thrombophlebitis of left iliac vein Phlebitis and thrombophlebitis of iliac vein Phlebitis and thrombophlebitis of unspecified liac vein	45342	Acute venous embolism and thrombosis of deep vessels of distal lower extremity	Diagnosis	ICD-9-CM
Phlebitis and thrombophlebitis of deep veins of lower extremities, other Phlebitis and thrombophlebitis of lower extremities, unspecified Phlebitis and thrombophlebitis of iliac vein Phlebitis and thrombophlebitis of deep veins of upper extremities Phlebitis and thrombophlebitis of deep veins of upper extremities Phlebitis and thrombophlebitis of upper extremities Phlebitis and thrombophlebitis of unspecified femoral vein Phlebitis and thrombophlebitis of right femoral vein Phlebitis and thrombophlebitis of left femoral vein Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of left lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, Diagnosis Phlebitis and thrombophlebitis of inspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of inspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of right iliac vein Phlebitis and thrombophlebitis of right iliac vein Phlebitis and thrombophlebitis of right iliac vein Phlebitis and thrombophlebitis of right popliteal vein	4511	Phlebitis and thrombophlebitis of deep veins of lower extremities	Diagnosis	ICD-9-CM
Phlebitis and thrombophlebitis of lower extremities, unspecified Phlebitis and thrombophlebitis of iliac vein Phlebitis and thrombophlebitis of deep veins of upper extremities Phlebitis and thrombophlebitis of upper extremities Phlebitis and thrombophlebitis of upper extremities, unspecified Phlebitis and thrombophlebitis of unspecified femoral vein Phlebitis and thrombophlebitis of right femoral vein Phlebitis and thrombophlebitis of left femoral vein Phlebitis and thrombophlebitis of left femoral vein Phlebitis and thrombophlebitis of left femoral vein Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of left lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremities Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremities, bilateral Phlebitis and thrombophlebitis of inspecified deep vessels of unspecified lower extremities, bilateral Phlebitis and thrombophlebitis of inspecified deep vessels of unspecified lower extremities Phlebitis and thrombophlebitis of iliac vein Phlebitis and thrombophlebitis of left iliac vein Phlebitis and thrombophlebitis of unspecified iliac vein Phlebitis and thrombophleb	45111	Phlebitis and thrombophlebitis of femoral vein (deep) (superficial)	Diagnosis	ICD-9-CM
Phlebitis and thrombophlebitis of iliac vein Phlebitis and thrombophlebitis of deep veins of upper extremities Phlebitis and thrombophlebitis of deep veins of upper extremities Phlebitis and thrombophlebitis of upper extremities, unspecified Phlebitis and thrombophlebitis of unspecified femoral vein Phlebitis and thrombophlebitis of right femoral vein Phlebitis and thrombophlebitis of left femoral vein Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of left lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of inspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of right iliac vein Phlebitis and thrombophlebitis of right iliac vein Phlebitis and thrombophlebitis of iliac vein Phlebitis and thrombophlebitis of unspecified iliac vein Phlebitis and thrombophlebitis of unspecified iliac vein Phlebitis and thrombophlebitis of right popliteal vein Phlebitis and thrombophlebitis of right popliteal vein Phlebitis and thrombophlebitis of right popliteal vein Phlebitis and thrombophlebitis of popliteal vein	45119	Phlebitis and thrombophlebitis of deep veins of lower extremities, other	Diagnosis	ICD-9-CM
Phlebitis and thrombophlebitis of deep veins of upper extremities Phlebitis and thrombophlebitis of upper extremities, unspecified Phlebitis and thrombophlebitis of unspecified femoral vein Phlebitis and thrombophlebitis of right femoral vein Phlebitis and thrombophlebitis of left femoral vein Phlebitis and thrombophlebitis of left femoral vein Phlebitis and thrombophlebitis of left femoral vein Phlebitis and thrombophlebitis of femoral vein Phlebitis and thrombophlebitis of femoral vein, bilateral Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of left lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of inspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of right iliac vein Phlebitis and thrombophlebitis of left iliac vein Phlebitis and thrombophlebitis of iliac vein, bilateral Phlebitis and thrombophlebitis of unspecified iliac vein Phlebitis and thrombophlebitis of right popliteal vein Phlebitis and thrombophlebitis of right popliteal vein Phlebitis and thrombophlebitis of right popliteal vein Phlebitis and thrombophlebitis of popliteal vein	4512	Phlebitis and thrombophlebitis of lower extremities, unspecified	Diagnosis	ICD-9-CM
Phlebitis and thrombophlebitis of upper extremities, unspecified Diagnosis ICD-9-CM Phlebitis and thrombophlebitis of unspecified femoral vein Diagnosis ICD-10-CM Dia	45181	Phlebitis and thrombophlebitis of iliac vein	Diagnosis	ICD-9-CM
Phlebitis and thrombophlebitis of unspecified femoral vein Diagnosis ICD-10-CM	45183	Phlebitis and thrombophlebitis of deep veins of upper extremities	Diagnosis	ICD-9-CM
Phlebitis and thrombophlebitis of right femoral vein Phlebitis and thrombophlebitis of left femoral vein Phlebitis and thrombophlebitis of left femoral vein Phlebitis and thrombophlebitis of femoral vein, bilateral Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of left lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of right iliac vein Phlebitis and thrombophlebitis of left iliac vein Phlebitis and thrombophlebitis of iliac vein, bilateral Phlebitis and thrombophlebitis of unspecified iliac vein Phlebitis and thrombophlebitis of right popliteal vein Phlebitis and thrombophlebitis of left popliteal vein Phlebitis and thrombophlebitis of left popliteal vein Phlebitis and thrombophlebitis of popliteal vein	45384	Phlebitis and thrombophlebitis of upper extremities, unspecified	Diagnosis	ICD-9-CM
Phlebitis and thrombophlebitis of left femoral vein Phlebitis and thrombophlebitis of femoral vein, bilateral Phlebitis and thrombophlebitis of femoral vein, bilateral Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of left lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of right iliac vein Phlebitis and thrombophlebitis of left iliac vein Phlebitis and thrombophlebitis of left iliac vein Phlebitis and thrombophlebitis of iliac vein, bilateral Phlebitis and thrombophlebitis of unspecified iliac vein Phlebitis and thrombophlebitis of right popliteal vein Phlebitis and thrombophlebitis of left popliteal vein Phlebitis and thrombophlebitis of popliteal vein Phlebitis and thrombophlebitis of popliteal vein, bilateral	180.10	Phlebitis and thrombophlebitis of unspecified femoral vein	Diagnosis	ICD-10-CM
Phlebitis and thrombophlebitis of femoral vein, bilateral Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity Diagnosis ICD-10-CM Phlebitis and thrombophlebitis of unspecified deep vessels of left lower extremity Diagnosis ICD-10-CM Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of right iliac vein Phlebitis and thrombophlebitis of right iliac vein Diagnosis ICD-10-CM Phlebitis and thrombophlebitis of left iliac vein Diagnosis ICD-10-CM Phlebitis and thrombophlebitis of iliac vein, bilateral Phlebitis and thrombophlebitis of unspecified iliac vein Diagnosis ICD-10-CM Diagnosis ICD-10-CM Phlebitis and thrombophlebitis of unspecified iliac vein Diagnosis ICD-10-CM	180.11	Phlebitis and thrombophlebitis of right femoral vein	Diagnosis	ICD-10-CM
Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of left lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of right iliac vein Phlebitis and thrombophlebitis of left iliac vein Phlebitis and thrombophlebitis of liac vein, bilateral Phlebitis and thrombophlebitis of unspecified iliac vein Phlebitis and thrombophlebitis of unspecified iliac vein Phlebitis and thrombophlebitis of right popliteal vein Phlebitis and thrombophlebitis of left popliteal vein Phlebitis and thrombophlebitis of popliteal vein Phlebitis and thrombophlebitis of popliteal vein, bilateral Diagnosis ICD-10-CM	180.12	Phlebitis and thrombophlebitis of left femoral vein	Diagnosis	ICD-10-CM
Phlebitis and thrombophlebitis of unspecified deep vessels of left lower extremity Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of right iliac vein Phlebitis and thrombophlebitis of left iliac vein Phlebitis and thrombophlebitis of left iliac vein Phlebitis and thrombophlebitis of iliac vein, bilateral Phlebitis and thrombophlebitis of unspecified iliac vein Phlebitis and thrombophlebitis of unspecified iliac vein Phlebitis and thrombophlebitis of right popliteal vein Phlebitis and thrombophlebitis of left popliteal vein Phlebitis and thrombophlebitis of left popliteal vein Phlebitis and thrombophlebitis of popliteal vein, bilateral Diagnosis ICD-10-CM	180.13	Phlebitis and thrombophlebitis of femoral vein, bilateral	Diagnosis	ICD-10-CM
Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity Diagnosis ICD-10-CM Phlebitis and thrombophlebitis of right iliac vein Diagnosis ICD-10-CM Phlebitis and thrombophlebitis of left iliac vein Diagnosis ICD-10-CM Phlebitis and thrombophlebitis of iliac vein, bilateral Diagnosis ICD-10-CM Phlebitis and thrombophlebitis of unspecified iliac vein Diagnosis ICD-10-CM Phlebitis and thrombophlebitis of unspecified iliac vein Diagnosis ICD-10-CM Phlebitis and thrombophlebitis of right popliteal vein Diagnosis ICD-10-CM Phlebitis and thrombophlebitis of left popliteal vein Diagnosis ICD-10-CM Diagn	180.201	Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity	Diagnosis	ICD-10-CM
Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity Phlebitis and thrombophlebitis of right iliac vein Diagnosis ICD-10-CM Phlebitis and thrombophlebitis of left iliac vein Diagnosis ICD-10-CM	180.202	Phlebitis and thrombophlebitis of unspecified deep vessels of left lower extremity	Diagnosis	ICD-10-CM
Phlebitis and thrombophlebitis of right iliac vein Phlebitis and thrombophlebitis of left iliac vein Phlebitis and thrombophlebitis of left iliac vein Phlebitis and thrombophlebitis of iliac vein, bilateral Phlebitis and thrombophlebitis of unspecified iliac vein Phlebitis and thrombophlebitis of right popliteal vein Phlebitis and thrombophlebitis of left popliteal vein Phlebitis and thrombophlebitis of left popliteal vein Phlebitis and thrombophlebitis of popliteal vein, bilateral Diagnosis ICD-10-CM Diagnosis ICD-10-CM Diagnosis ICD-10-CM Diagnosis ICD-10-CM Diagnosis ICD-10-CM Diagnosis ICD-10-CM	180.203	Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral	Diagnosis	ICD-10-CM
Phlebitis and thrombophlebitis of left iliac vein Phlebitis and thrombophlebitis of iliac vein, bilateral Phlebitis and thrombophlebitis of iliac vein, bilateral Phlebitis and thrombophlebitis of unspecified iliac vein Phlebitis and thrombophlebitis of right popliteal vein Phlebitis and thrombophlebitis of left popliteal vein Phlebitis and thrombophlebitis of left popliteal vein Phlebitis and thrombophlebitis of popliteal vein, bilateral Diagnosis ICD-10-CM Diagnosis ICD-10-CM Diagnosis ICD-10-CM Diagnosis ICD-10-CM Diagnosis ICD-10-CM Diagnosis ICD-10-CM	180.209	Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity	Diagnosis	ICD-10-CM
Phlebitis and thrombophlebitis of iliac vein, bilateral Phlebitis and thrombophlebitis of unspecified iliac vein Phlebitis and thrombophlebitis of right popliteal vein Phlebitis and thrombophlebitis of left popliteal vein Phlebitis and thrombophlebitis of left popliteal vein Phlebitis and thrombophlebitis of popliteal vein Phlebitis and thrombophlebitis of popliteal vein, bilateral Diagnosis ICD-10-CM Diagnosis ICD-10-CM Diagnosis ICD-10-CM Diagnosis ICD-10-CM	180.211	Phlebitis and thrombophlebitis of right iliac vein	Diagnosis	ICD-10-CM
180.219Phlebitis and thrombophlebitis of unspecified iliac veinDiagnosisICD-10-CM180.221Phlebitis and thrombophlebitis of right popliteal veinDiagnosisICD-10-CM180.222Phlebitis and thrombophlebitis of left popliteal veinDiagnosisICD-10-CM180.223Phlebitis and thrombophlebitis of popliteal vein, bilateralDiagnosisICD-10-CM	180.212	Phlebitis and thrombophlebitis of left iliac vein	Diagnosis	ICD-10-CM
180.221Phlebitis and thrombophlebitis of right popliteal veinDiagnosisICD-10-CM180.222Phlebitis and thrombophlebitis of left popliteal veinDiagnosisICD-10-CM180.223Phlebitis and thrombophlebitis of popliteal vein, bilateralDiagnosisICD-10-CM	180.213	Phlebitis and thrombophlebitis of iliac vein, bilateral	Diagnosis	ICD-10-CM
180.222Phlebitis and thrombophlebitis of left popliteal veinDiagnosisICD-10-CM180.223Phlebitis and thrombophlebitis of popliteal vein, bilateralDiagnosisICD-10-CM	180.219	Phlebitis and thrombophlebitis of unspecified iliac vein	Diagnosis	ICD-10-CM
180.223 Phlebitis and thrombophlebitis of popliteal vein, bilateral Diagnosis ICD-10-CM	180.221	Phlebitis and thrombophlebitis of right popliteal vein	Diagnosis	ICD-10-CM
	180.222	Phlebitis and thrombophlebitis of left popliteal vein	Diagnosis	ICD-10-CM
180.229 Phlebitis and thrombophlebitis of unspecified popliteal vein Diagnosis ICD-10-CM	180.223	Phlebitis and thrombophlebitis of popliteal vein, bilateral	Diagnosis	ICD-10-CM
	180.229	Phlebitis and thrombophlebitis of unspecified popliteal vein	Diagnosis	ICD-10-CM

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		Code	
Code	Description	Category	Code Type
180.231	Phlebitis and thrombophlebitis of right tibial vein	Diagnosis	ICD-10-CM
180.232	Phlebitis and thrombophlebitis of left tibial vein	Diagnosis	ICD-10-CM
180.233	Phlebitis and thrombophlebitis of tibial vein, bilateral	Diagnosis	ICD-10-CM
180.239	Phlebitis and thrombophlebitis of unspecified tibial vein	Diagnosis	ICD-10-CM
180.291	Phlebitis and thrombophlebitis of other deep vessels of right lower extremity	Diagnosis	ICD-10-CM
180.292	Phlebitis and thrombophlebitis of other deep vessels of left lower extremity	Diagnosis	ICD-10-CM
180.293	Phlebitis and thrombophlebitis of other deep vessels of lower extremity, bilateral	Diagnosis	ICD-10-CM
180.299	Phlebitis and thrombophlebitis of other deep vessels of unspecified lower extremity	Diagnosis	ICD-10-CM
180.3	Phlebitis and thrombophlebitis of lower extremities, unspecified	Diagnosis	ICD-10-CM
180.8	Phlebitis and thrombophlebitis of other sites	Diagnosis	ICD-10-CM
182.401	Acute embolism and thrombosis of unspecified deep veins of right lower extremity	Diagnosis	ICD-10-CM
182.402	Acute embolism and thrombosis of unspecified deep veins of left lower extremity	Diagnosis	ICD-10-CM
182.403	Acute embolism and thrombosis of unspecified deep veins of lower extremity, bilateral	Diagnosis	ICD-10-CM
182.409	Acute embolism and thrombosis of unspecified deep veins of unspecified lower extremity	Diagnosis	ICD-10-CM
182.411	Acute embolism and thrombosis of right femoral vein	Diagnosis	ICD-10-CM
182.412	Acute embolism and thrombosis of left femoral vein	Diagnosis	ICD-10-CM
182.413	Acute embolism and thrombosis of femoral vein, bilateral	Diagnosis	ICD-10-CM
182.419	Acute embolism and thrombosis of unspecified femoral vein	Diagnosis	ICD-10-CM
182.421	Acute embolism and thrombosis of right iliac vein	Diagnosis	ICD-10-CM
182.422	Acute embolism and thrombosis of left iliac vein	Diagnosis	ICD-10-CM
182.423	Acute embolism and thrombosis of iliac vein, bilateral	Diagnosis	ICD-10-CM
182.429	Acute embolism and thrombosis of unspecified iliac vein	Diagnosis	ICD-10-CM
182.431	Acute embolism and thrombosis of right popliteal vein	Diagnosis	ICD-10-CM
182.432	Acute embolism and thrombosis of left popliteal vein	Diagnosis	ICD-10-CM
182.433	Acute embolism and thrombosis of popliteal vein, bilateral	Diagnosis	ICD-10-CM
182.439	Acute embolism and thrombosis of unspecified popliteal vein	Diagnosis	ICD-10-CM
182.441	Acute embolism and thrombosis of right tibial vein	Diagnosis	ICD-10-CM
182.442	Acute embolism and thrombosis of left tibial vein	Diagnosis	ICD-10-CM
182.443	Acute embolism and thrombosis of tibial vein, bilateral	Diagnosis	ICD-10-CM
182.449	Acute embolism and thrombosis of unspecified tibial vein	Diagnosis	ICD-10-CM
182.491	Acute embolism and thrombosis of other specified deep vein of right lower extremity	Diagnosis	ICD-10-CM
182.492	Acute embolism and thrombosis of other specified deep vein of left lower extremity	Diagnosis	ICD-10-CM
182.493	Acute embolism and thrombosis of other specified deep vein of lower extremity, bilateral	Diagnosis	ICD-10-CM
182.499	Acute embolism and thrombosis of other specified deep vein of unspecified lower extremity	Diagnosis	ICD-10-CM
182.4Y1	Acute embolism and thrombosis of unspecified deep veins of right proximal lower extremity	Diagnosis	ICD-10-CM
182.4Y2	Acute embolism and thrombosis of unspecified deep veins of left proximal lower extremity	Diagnosis	ICD-10-CM
182.4Y3	Acute embolism and thrombosis of unspecified deep veins of proximal lower extremity,	Diagnosis	ICD-10-CM
	bilateral		
182.4Y9	Acute embolism and thrombosis of unspecified deep veins of unspecified proximal lower	Diagnosis	ICD-10-CM
	extremity		
182.4Z1	Acute embolism and thrombosis of unspecified deep veins of right distal lower extremity	Diagnosis	ICD-10-CM
182.4Z2	Acute embolism and thrombosis of unspecified deep veins of left distal lower extremity	Diagnosis	ICD-10-CM
182.4Z3	Acute embolism and thrombosis of unspecified deep veins of distal lower extremity, bilateral	Diagnosis	ICD-10-CM

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		Code	
Code	Description	Category	Code Type
182.4Z9	Acute embolism and thrombosis of unspecified deep veins of unspecified distal lower	Diagnosis	ICD-10-CM
	extremity		
I82.A11	Acute embolism and thrombosis of right axillary vein	Diagnosis	ICD-10-CM
I82.A12	Acute embolism and thrombosis of left axillary vein	Diagnosis	ICD-10-CM
I82.A13	Acute embolism and thrombosis of axillary vein, bilateral	Diagnosis	ICD-10-CM
I82.A19	Acute embolism and thrombosis of unspecified axillary vein	Diagnosis	ICD-10-CM
	Deep vein thrombosis		
4534	Acute venous embolism and thrombosis of deep vessels of lower extremity	Diagnosis	ICD-9-CM
45340	Acute venous embolism and thrombosis of unspecified deep vessels of lower extremity	Diagnosis	ICD-9-CM
45341	Acute venous embolism and thrombosis of deep vessels of proximal lower extremity	Diagnosis	ICD-9-CM
45342	Acute venous embolism and thrombosis of deep vessels of distal lower extremity	Diagnosis	ICD-9-CM
4511	Phlebitis and thrombophlebitis of deep veins of lower extremities	Diagnosis	ICD-9-CM
45111	Phlebitis and thrombophlebitis of femoral vein (deep) (superficial)	Diagnosis	ICD-9-CM
45119	Phlebitis and thrombophlebitis of deep veins of lower extremities, other	Diagnosis	ICD-9-CM
4512	Phlebitis and thrombophlebitis of lower extremities, unspecified	Diagnosis	ICD-9-CM
45181	Phlebitis and thrombophlebitis of iliac vein	Diagnosis	ICD-9-CM
45183	Phlebitis and thrombophlebitis of deep veins of upper extremities	Diagnosis	ICD-9-CM
45384	Phlebitis and thrombophlebitis of upper extremities, unspecified	Diagnosis	ICD-9-CM
180.10	Phlebitis and thrombophlebitis of unspecified femoral vein	Diagnosis	ICD-10-CM
180.11	Phlebitis and thrombophlebitis of right femoral vein	Diagnosis	ICD-10-CM
180.12	Phlebitis and thrombophlebitis of left femoral vein	Diagnosis	ICD-10-CM
180.13	Phlebitis and thrombophlebitis of femoral vein, bilateral	Diagnosis	ICD-10-CM
180.201	Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity	Diagnosis	ICD-10-CM
180.202	Phlebitis and thrombophlebitis of unspecified deep vessels of left lower extremity	Diagnosis	ICD-10-CM
180.203	Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral	Diagnosis	ICD-10-CM
180.209	Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity	Diagnosis	ICD-10-CM
180.211	Phlebitis and thrombophlebitis of right iliac vein	Diagnosis	ICD-10-CM
180.212	Phlebitis and thrombophlebitis of left iliac vein	Diagnosis	ICD-10-CM
180.213	Phlebitis and thrombophlebitis of iliac vein, bilateral	Diagnosis	ICD-10-CM
180.219	Phlebitis and thrombophlebitis of unspecified iliac vein	Diagnosis	ICD-10-CM
180.221	Phlebitis and thrombophlebitis of right popliteal vein	Diagnosis	ICD-10-CM
180.222	Phlebitis and thrombophlebitis of left popliteal vein	Diagnosis	ICD-10-CM
180.223	Phlebitis and thrombophlebitis of popliteal vein, bilateral	Diagnosis	ICD-10-CM
180.229	Phlebitis and thrombophlebitis of unspecified popliteal vein	Diagnosis	ICD-10-CM
180.231	Phlebitis and thrombophlebitis of right tibial vein	Diagnosis	ICD-10-CM
180.232	Phlebitis and thrombophlebitis of left tibial vein	Diagnosis	ICD-10-CM
180.233	Phlebitis and thrombophlebitis of tibial vein, bilateral	Diagnosis	ICD-10-CM
180.239	Phlebitis and thrombophlebitis of unspecified tibial vein	Diagnosis	ICD-10-CM
180.291	Phlebitis and thrombophlebitis of other deep vessels of right lower extremity	Diagnosis	ICD-10-CM
180.291	Phlebitis and thrombophlebitis of other deep vessels of left lower extremity	Diagnosis	ICD-10-CM
180.292	Phlebitis and thrombophlebitis of other deep vessels of lower extremity, bilateral	Diagnosis	ICD-10-CM
180.293	Phlebitis and thrombophlebitis of other deep vessels of unspecified lower extremity	Diagnosis	ICD-10-CM
180.299	Phlebitis and thrombophlebitis of lower extremities, unspecified	Diagnosis	ICD-10-CM
	·	_	
180.8	Phlebitis and thrombophlebitis of other sites	Diagnosis	ICD-10-CM

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		Code	
Code	Description	Category	Code Type
182.401	Acute embolism and thrombosis of unspecified deep veins of right lower extremity	Diagnosis	ICD-10-CM
182.402	Acute embolism and thrombosis of unspecified deep veins of left lower extremity	Diagnosis	ICD-10-CM
182.403	Acute embolism and thrombosis of unspecified deep veins of lower extremity, bilateral	Diagnosis	ICD-10-CM
182.409	Acute embolism and thrombosis of unspecified deep veins of unspecified lower extremity	Diagnosis	ICD-10-CM
182.411	Acute embolism and thrombosis of right femoral vein	Diagnosis	ICD-10-CM
182.412	Acute embolism and thrombosis of left femoral vein	Diagnosis	ICD-10-CM
182.413	Acute embolism and thrombosis of femoral vein, bilateral	Diagnosis	ICD-10-CM
182.419	Acute embolism and thrombosis of unspecified femoral vein	Diagnosis	ICD-10-CM
182.421	Acute embolism and thrombosis of right iliac vein	Diagnosis	ICD-10-CM
182.422	Acute embolism and thrombosis of left iliac vein	Diagnosis	ICD-10-CM
182.423	Acute embolism and thrombosis of iliac vein, bilateral	Diagnosis	ICD-10-CM
182.429	Acute embolism and thrombosis of unspecified iliac vein	Diagnosis	ICD-10-CM
182.431	Acute embolism and thrombosis of right popliteal vein	Diagnosis	ICD-10-CM
182.432	Acute embolism and thrombosis of left popliteal vein	Diagnosis	ICD-10-CM
182.433	Acute embolism and thrombosis of popliteal vein, bilateral	Diagnosis	ICD-10-CM
182.439	Acute embolism and thrombosis of unspecified popliteal vein	Diagnosis	ICD-10-CM
182.441	Acute embolism and thrombosis of right tibial vein	Diagnosis	ICD-10-CM
182.442	Acute embolism and thrombosis of left tibial vein	Diagnosis	ICD-10-CM
182.443	Acute embolism and thrombosis of tibial vein, bilateral	Diagnosis	ICD-10-CM
182.449	Acute embolism and thrombosis of unspecified tibial vein	Diagnosis	ICD-10-CM
182.491	Acute embolism and thrombosis of other specified deep vein of right lower extremity	Diagnosis	ICD-10-CM
182.492	Acute embolism and thrombosis of other specified deep vein of left lower extremity	Diagnosis	ICD-10-CM
182.493	Acute embolism and thrombosis of other specified deep vein of lower extremity, bilateral	Diagnosis	ICD-10-CM
182.499	Acute embolism and thrombosis of other specified deep vein of unspecified lower extremity	Diagnosis	ICD-10-CM
182.4Y1	Acute embolism and thrombosis of unspecified deep veins of right proximal lower extremity	Diagnosis	ICD-10-CM
182.4Y2	Acute embolism and thrombosis of unspecified deep veins of left proximal lower extremity	Diagnosis	ICD-10-CM
182.4Y3	Acute embolism and thrombosis of unspecified deep veins of proximal lower extremity, bilateral	Diagnosis	ICD-10-CM
182.4Y9	Acute embolism and thrombosis of unspecified deep veins of unspecified proximal lower extremity	Diagnosis	ICD-10-CM
182.4Z1	Acute embolism and thrombosis of unspecified deep veins of right distal lower extremity	Diagnosis	ICD-10-CM
182.4Z2	Acute embolism and thrombosis of unspecified deep veins of left distal lower extremity	Diagnosis	ICD-10-CM
182.4Z3	Acute embolism and thrombosis of unspecified deep veins of distal lower extremity, bilateral	Diagnosis	ICD-10-CM
182.4Z9	Acute embolism and thrombosis of unspecified deep veins of unspecified distal lower extremity	Diagnosis	ICD-10-CM
182.A11	Acute embolism and thrombosis of right axillary vein	Diagnosis	ICD-10-CM
182.A12	Acute embolism and thrombosis of left axillary vein	Diagnosis	ICD-10-CM
182.A13	Acute embolism and thrombosis of axillary vein, bilateral	Diagnosis	ICD-10-CM
I82.A19	Acute embolism and thrombosis of unspecified axillary vein	Diagnosis	ICD-10-CM
	Pulmonary embolism		
4151	Pulmonary embolism and infarction	Diagnosis	ICD-9-CM
41511	latrogenic pulmonary embolism and infarction	Diagnosis	ICD-9-CM
41512	Septic pulmonary embolism	Diagnosis	ICD-9-CM
41519	Other pulmonary embolism and infarction	Diagnosis	ICD-9-CM

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		Code	
Code	Description	Category	Code Type
126.01	Septic pulmonary embolism with acute cor pulmonale	Diagnosis	ICD-10-CM
126.09	Other pulmonary embolism with acute cor pulmonale	Diagnosis	ICD-10-CM
126.90	Septic pulmonary embolism without acute cor pulmonale	Diagnosis	ICD-10-CM
126.99	Other pulmonary embolism without acute cor pulmonale	Diagnosis	ICD-10-CM
T80.0XXA	Air embolism following infusion, transfusion and therapeutic injection, initial encounter	Diagnosis	ICD-10-CM
T81.718A	Complication of other artery following a procedure, not elsewhere classified, initial	Diagnosis	ICD-10-CM
T81.72XA	Complication of vein following a procedure, not elsewhere classified, initial encounter	Diagnosis	ICD-10-CM
T82.817A	Embolism due to cardiac prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
T82.818A	Embolism due to vascular prosthetic devices, implants and grafts, initial encounter	Diagnosis	ICD-10-CM
	Joint replacement		
V436	Joint replaced by other means		ICD-9-CM
V4360	Unspecified joint replacement	Diagnosis	ICD-9-CM
V4361	Shoulder joint replacement	Diagnosis	ICD-9-CM
V4362	Elbow joint replacement	Diagnosis	ICD-9-CM
V4363	Wrist joint replacement	Diagnosis	
V4364	Hip joint replacement	_	ICD-9-CM
V4365	Knee joint replacement	_	ICD-9-CM
V4366	Ankle joint replacement	Diagnosis	ICD-9-CM
V4369	Other joint replacement	Diagnosis	ICD-9-CM
815	JOINT REPLACEMENT LOWER EXTREMITY	Procedure	ICD-9-CM
8151	TOTAL HIP REPLACEMENT	Procedure	ICD-9-CM
8152	PARTIAL HIP REPLACEMENT	Procedure	ICD-9-CM
8153	REVISION OF HIP REPLACEMENT NOS	Procedure	ICD-9-CM
8154	TOTAL KNEE REPLACEMENT	Procedure	ICD-9-CM
8155	REVISION OF KNEE REPLACEMENT NOS	Procedure	ICD-9-CM
8156	TOTAL ANKLE REPLACEMENT	Procedure	ICD-9-CM
8157	REPLACEMENT OF JOINT OF FOOT&TOE	Procedure	ICD-9-CM
8159	REV JOINT REPLCMT LOWER EXTREM NEC	Procedure	ICD-9-CM
818	ARTHROPLASTY&REPAIR SHOULDER&ELBOW	Procedure	ICD-9-CM
8180	OTHER TOTAL SHOULDER REPLACEMENT	Procedure	ICD-9-CM
8181	PARTIAL SHOULDER REPLACEMENT	Procedure	ICD-9-CM
8182	REPAIR RECURRENT DISLOC SHOULDER	Procedure	ICD-9-CM
8183	OTHER REPAIR OF SHOULDER	Procedure	ICD-9-CM
8184	TOTAL ELBOW REPLACEMENT	Procedure	ICD-9-CM
8185	OTHER REPAIR OF ELBOW	Procedure	ICD-9-CM
24363	REPLACE ELBOW JOINT	Procedure	CPT-4
27130	TOTAL HIP ARTHROPLASTY	Procedure	CPT-4
27132	TOTAL HIP ARTHROPLASTY	Procedure	CPT-4
27134	REVISE HIP JOINT REPLACEMENT	Procedure	
27137	REVISE HIP JOINT REPLACEMENT	Procedure	
27138	REVISE HIP JOINT REPLACEMENT	Procedure	
27447	TOTAL KNEE ARTHROPLASTY	Procedure	
Z96.60	Presence of unspecified orthopedic joint implant		ICD-10-CM
Z96.611	Presence of right artificial shoulder joint	•	ICD-10-CM
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, ,,	tegory i i rocedure codes osed to benne inclusion and exclusion criteria in this request	Code	
Code	Description	Category	Code Type
Z96.612	Presence of left artificial shoulder joint	Diagnosis	ICD-10-CM
Z96.619	Presence of unspecified artificial shoulder joint	Diagnosis	ICD-10-CM
Z96.621	Presence of right artificial elbow joint	Diagnosis	ICD-10-CM
Z96.622	Presence of left artificial elbow joint	Diagnosis	ICD-10-CM
Z96.629	Presence of unspecified artificial elbow joint	Diagnosis	ICD-10-CM
Z96.631	Presence of right artificial wrist joint	Diagnosis	ICD-10-CM
Z96.632	Presence of left artificial wrist joint	Diagnosis	ICD-10-CM
Z96.639	Presence of unspecified artificial wrist joint	Diagnosis	ICD-10-CM
Z96.641	Presence of right artificial hip joint	Diagnosis	ICD-10-CM
Z96.642	Presence of left artificial hip joint	Diagnosis	ICD-10-CM
Z96.643	Presence of artificial hip joint, bilateral	Diagnosis	ICD-10-CM
Z96.649	Presence of unspecified artificial hip joint	Diagnosis	ICD-10-CM
Z96.651	Presence of right artificial knee joint	Diagnosis	ICD-10-CM
Z96.652	Presence of left artificial knee joint	Diagnosis	ICD-10-CM
Z96.653	Presence of artificial knee joint, bilateral	Diagnosis	ICD-10-CM
Z96.659	Presence of unspecified artificial knee joint	Diagnosis	ICD-10-CM
Z96.661	Presence of right artificial ankle joint	Diagnosis	ICD-10-CM
Z96.662	Presence of left artificial ankle joint	Diagnosis	ICD-10-CM
Z96.669	Presence of unspecified artificial ankle joint	Diagnosis	ICD-10-CM
Z96.691	Finger-joint replacement of right hand	Diagnosis	ICD-10-CM
Z96.692	Finger-joint replacement of left hand	Diagnosis	ICD-10-CM
Z96.693	Finger-joint replacement, bilateral	Diagnosis	ICD-10-CM
Z96.698	Presence of other orthopedic joint implants	Diagnosis	ICD-10-CM
Z96.7	Presence of other bone and tendon implants	Diagnosis	ICD-10-CM
ORQE0ZZ	Repair Right Sternoclavicular Joint, Open Approach	Procedure	ICD-10-PCS
ORQE3ZZ	Repair Right Sternoclavicular Joint, Percutaneous Approach	Procedure	ICD-10-PCS
ORQE4ZZ	Repair Right Sternoclavicular Joint, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORQEXZZ	Repair Right Sternoclavicular Joint, External Approach	Procedure	ICD-10-PCS
ORQF0ZZ	Repair Left Sternoclavicular Joint, Open Approach	Procedure	ICD-10-PCS
ORQF3ZZ	Repair Left Sternoclavicular Joint, Percutaneous Approach	Procedure	ICD-10-PCS
ORQF4ZZ	Repair Left Sternoclavicular Joint, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORQFXZZ	Repair Left Sternoclavicular Joint, External Approach	Procedure	ICD-10-PCS
ORQG0ZZ	Repair Right Acromioclavicular Joint, Open Approach	Procedure	ICD-10-PCS
ORQG3ZZ	Repair Right Acromioclavicular Joint, Percutaneous Approach	Procedure	ICD-10-PCS
ORQG4ZZ	Repair Right Acromioclavicular Joint, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORQGXZZ	Repair Right Acromioclavicular Joint, External Approach	Procedure	ICD-10-PCS
ORQH0ZZ	Repair Left Acromioclavicular Joint, Open Approach	Procedure	ICD-10-PCS
ORQH3ZZ	Repair Left Acromioclavicular Joint, Percutaneous Approach	Procedure	ICD-10-PCS
ORQH4ZZ	Repair Left Acromioclavicular Joint, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORQHXZZ	Repair Left Acromioclavicular Joint, External Approach	Procedure	ICD-10-PCS
ORQJ0ZZ	Repair Right Shoulder Joint, Open Approach	Procedure	ICD-10-PCS
ORQJ3ZZ	Repair Right Shoulder Joint, Percutaneous Approach	Procedure	ICD-10-PCS
ORQJ4ZZ	Repair Right Shoulder Joint, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORQJXZZ	Repair Right Shoulder Joint, External Approach	Procedure	ICD-10-PCS

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	·	Code	
Code	Description	Category	Code Type
ORQKOZZ	Repair Left Shoulder Joint, Open Approach	Procedure	ICD-10-PCS
ORQK3ZZ	Repair Left Shoulder Joint, Percutaneous Approach	Procedure	ICD-10-PCS
ORQK4ZZ	Repair Left Shoulder Joint, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORQKXZZ	Repair Left Shoulder Joint, External Approach	Procedure	ICD-10-PCS
ORQL0ZZ	Repair Right Elbow Joint, Open Approach	Procedure	ICD-10-PCS
ORQL3ZZ	Repair Right Elbow Joint, Percutaneous Approach	Procedure	ICD-10-PCS
ORQL4ZZ	Repair Right Elbow Joint, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORQLXZZ	Repair Right Elbow Joint, External Approach	Procedure	ICD-10-PCS
ORQM0ZZ	Repair Left Elbow Joint, Open Approach		ICD-10-PCS
ORQM3ZZ	Repair Left Elbow Joint, Percutaneous Approach		ICD-10-PCS
ORQM4ZZ	Repair Left Elbow Joint, Percutaneous Endoscopic Approach		ICD-10-PCS
ORQMXZZ	Repair Left Elbow Joint, External Approach		ICD-10-PCS
ORRE07Z	Replacement of Right Sternoclavicular Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORREOJZ	Replacement of Right Sternoclavicular Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
ORREOKZ	Replacement of Right Sternoclavicular Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORRF07Z	Replacement of Left Sternoclavicular Joint with Autologous Tissue Substitute, Open	Procedure	ICD-10-PCS
ORRFOJZ	Replacement of Left Sternoclavicular Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
ORRFOKZ	Replacement of Left Sternoclavicular Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORRG07Z	Replacement of Right Acromioclavicular Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORRG0JZ	Replacement of Right Acromioclavicular Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
ORRG0KZ	Replacement of Right Acromioclavicular Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORRH07Z	Replacement of Left Acromioclavicular Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORRHOJZ	Replacement of Left Acromioclavicular Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
ORRHOKZ	Replacement of Left Acromioclavicular Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORRJ07Z	Replacement of Right Shoulder Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORRJOJ6	Replacement of Right Shoulder Joint with Synthetic Substitute, Humeral Surface, Open Approach	Procedure	ICD-10-PCS
ORRJOJ7	Replacement of Right Shoulder Joint with Synthetic Substitute, Glenoid Surface, Open Approach	Procedure	ICD-10-PCS
ORRJOJZ	Replacement of Right Shoulder Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
ORRJOKZ	Replacement of Right Shoulder Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORRK07Z	Replacement of Left Shoulder Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORRKOJ6	Replacement of Left Shoulder Joint with Synthetic Substitute, Humeral Surface, Open Approach	Procedure	ICD-10-PCS
ORRKOJ7	Replacement of Left Shoulder Joint with Synthetic Substitute, Glenoid Surface, Open Approach	Procedure	ICD-10-PCS
ORRKOJZ	Replacement of Left Shoulder Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
ORRKOKZ	Replacement of Left Shoulder Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORRL07Z	Replacement of Right Elbow Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORRLOJZ	Replacement of Right Elbow Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
ORRLOKZ	Replacement of Right Elbow Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORRM07Z	Replacement of Left Elbow Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORRMOJZ	Replacement of Left Elbow Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
ORRMOKZ	Replacement of Left Elbow Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORSE04Z	Reposition Right Sternoclavicular Joint with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
ORSE0ZZ	Reposition Right Sternoclavicular Joint, Open Approach	Procedure	ICD-10-PCS
ORSF04Z	Reposition Left Sternoclavicular Joint with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
ORSF0ZZ	Reposition Left Sternoclavicular Joint, Open Approach	Procedure	ICD-10-PCS
ORSG04Z	Reposition Right Acromioclavicular Joint with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
ORSG0ZZ	Reposition Right Acromioclavicular Joint, Open Approach	Procedure	ICD-10-PCS
ORSH04Z	Reposition Left Acromioclavicular Joint with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
ORSH0ZZ	Reposition Left Acromioclavicular Joint, Open Approach		ICD-10-PCS
ORSJ04Z	Reposition Right Shoulder Joint with Internal Fixation Device, Open Approach		ICD-10-PCS
ORSJ0ZZ	Reposition Right Shoulder Joint, Open Approach	Procedure	ICD-10-PCS
ORSK04Z	Reposition Left Shoulder Joint with Internal Fixation Device, Open Approach		ICD-10-PCS
ORSKOZZ	Reposition Left Shoulder Joint, Open Approach		ICD-10-PCS
ORUE07Z	Supplement Right Sternoclavicular Joint with Autologous Tissue Substitute, Open Approach		ICD-10-PCS
ORUE0JZ	Supplement Right Sternoclavicular Joint with Synthetic Substitute, Open Approach		ICD-10-PCS
ORUEOKZ	Supplement Right Sternoclavicular Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORUE37Z	Supplement Right Sternoclavicular Joint with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUE3JZ	Supplement Right Sternoclavicular Joint with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUE3KZ	Supplement Right Sternoclavicular Joint with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUE47Z	Supplement Right Sternoclavicular Joint with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUE4JZ	Supplement Right Sternoclavicular Joint with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUE4KZ	Supplement Right Sternoclavicular Joint with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUF07Z	Supplement Left Sternoclavicular Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORUF0JZ	Supplement Left Sternoclavicular Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
ORUF0KZ	Supplement Left Sternoclavicular Joint with Nonautologous Tissue Substitute, Open	Procedure	ICD-10-PCS
ORUF37Z	Supplement Left Sternoclavicular Joint with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUF3JZ	Supplement Left Sternoclavicular Joint with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUF3KZ	Supplement Left Sternoclavicular Joint with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUF47Z	Supplement Left Sternoclavicular Joint with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
ORUF4JZ	Supplement Left Sternoclavicular Joint with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUF4KZ		Procedure	ICD-10-PCS
ORUG07Z	Supplement Right Acromioclavicular Joint with Autologous Tissue Substitute, Open	Procedure	ICD-10-PCS
0RUG0JZ	Supplement Right Acromioclavicular Joint with Synthetic Substitute, Open Approach		ICD-10-PCS
0RUG0KZ	Supplement Right Acromioclavicular Joint with Nonautologous Tissue Substitute, Open Approach		ICD-10-PCS
0RUG37Z	Supplement Right Acromioclavicular Joint with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUG3JZ	Supplement Right Acromioclavicular Joint with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0RUG3KZ	Supplement Right Acromioclavicular Joint with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUG47Z	Supplement Right Acromioclavicular Joint with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0RUG4JZ	Supplement Right Acromioclavicular Joint with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0RUG4KZ	Supplement Right Acromioclavicular Joint with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUH07Z	Supplement Left Acromioclavicular Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORUH0JZ	Supplement Left Acromioclavicular Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
ORUHOKZ	Supplement Left Acromioclavicular Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORUH37Z	Supplement Left Acromioclavicular Joint with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUH3JZ	Supplement Left Acromioclavicular Joint with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUH3KZ	Supplement Left Acromioclavicular Joint with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUH47Z	Supplement Left Acromioclavicular Joint with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUH4JZ	Supplement Left Acromioclavicular Joint with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUH4KZ	Supplement Left Acromioclavicular Joint with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUJ07Z	Supplement Right Shoulder Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORUJOJZ	Supplement Right Shoulder Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
ORUJOKZ	Supplement Right Shoulder Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORUJ37Z	Supplement Right Shoulder Joint with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUJ3JZ	Supplement Right Shoulder Joint with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUJ3KZ	Supplement Right Shoulder Joint with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUJ47Z	Supplement Right Shoulder Joint with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
ORUJ4JZ	Supplement Right Shoulder Joint with Synthetic Substitute, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
ORUJ4KZ	Supplement Right Shoulder Joint with Nonautologous Tissue Substitute, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
ORUK07Z	Supplement Left Shoulder Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORUKOJZ	Supplement Left Shoulder Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
ORUKOKZ	Supplement Left Shoulder Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORUK37Z	Supplement Left Shoulder Joint with Autologous Tissue Substitute, Percutaneous Approach		ICD-10-PCS
ORUK3JZ	Supplement Left Shoulder Joint with Synthetic Substitute, Percutaneous Approach		ICD-10-PCS
ORUK3KZ	Supplement Left Shoulder Joint with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUK47Z	Supplement Left Shoulder Joint with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUK4JZ	Supplement Left Shoulder Joint with Synthetic Substitute, Percutaneous Endoscopic	Procedure	ICD-10-PCS
ORUK4KZ	Supplement Left Shoulder Joint with Nonautologous Tissue Substitute, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
ORUL07Z	Supplement Right Elbow Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORULOJZ	Supplement Right Elbow Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
ORULOKZ	Supplement Right Elbow Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORUL37Z	Supplement Right Elbow Joint with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUL3JZ	Supplement Right Elbow Joint with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUL3KZ	Supplement Right Elbow Joint with Nonautologous Tissue Substitute, Percutaneous	Procedure	ICD-10-PCS
ORUL47Z	Supplement Right Elbow Joint with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUL4JZ	Supplement Right Elbow Joint with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUL4KZ	Supplement Right Elbow Joint with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach		ICD-10-PCS
ORUM07Z	Supplement Left Elbow Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORUM0JZ	Supplement Left Elbow Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0RUM0KZ	Supplement Left Elbow Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
ORUM37Z	Supplement Left Elbow Joint with Autologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUM3JZ	Supplement Left Elbow Joint with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUM3KZ	Supplement Left Elbow Joint with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
ORUM47Z	Supplement Left Elbow Joint with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUM4JZ	Supplement Left Elbow Joint with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ORUM4KZ	Supplement Left Elbow Joint with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OSR9019	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		ICD-10-PCS
0SR901Z	Replacement of Right Hip Joint with Metal Synthetic Substitute, Open Approach		ICD-10-PCS
0SR9029	Replacement of Right Hip Joint with Metal on Polyethylene Synthetic Substitute, Cemented, Open Approach		ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
0SR902A	Replacement of Right Hip Joint with Metal on Polyethylene Synthetic Substitute,	Procedure	ICD-10-PCS
	Uncemented, Open Approach		
0SR902Z	Replacement of Right Hip Joint with Metal on Polyethylene Synthetic Substitute, Open	Procedure	ICD-10-PCS
	Approach		
0SR9039	Replacement of Right Hip Joint with Ceramic Synthetic Substitute, Cemented, Open	Procedure	ICD-10-PCS
0SR903A	Replacement of Right Hip Joint with Ceramic Synthetic Substitute, Uncemented, Open	Procedure	ICD-10-PCS
	Approach		
0SR903Z	Replacement of Right Hip Joint with Ceramic Synthetic Substitute, Open Approach		ICD-10-PCS
0SR9049	Replacement of Right Hip Joint with Ceramic on Polyethylene Synthetic Substitute,	Procedure	ICD-10-PCS
0000044	Cemented, Open Approach	Dragadura	ICD 10 DCC
OSR904A	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	Procedure	ICD-10-PCS
03119042	Approach	Frocedure	ICD-10-FC3
0SR907Z	Replacement of Right Hip Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0SR90J9	Replacement of Right Hip Joint with Synthetic Substitute, Cemented, Open Approach		ICD-10-PCS
OSR90JA	Replacement of Right Hip Joint with Synthetic Substitute, Uncemented, Open Approach		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
0SRA009	Replacement of Right Hip Joint, Acetabular Surface with Polyethylene Synthetic Substitute,	Procedure	ICD-10-PCS
	Cemented, Open Approach		
OSRA00A	Replacement of Right Hip Joint, Acetabular Surface with Polyethylene Synthetic Substitute,	Procedure	ICD-10-PCS
	Uncemented, Open Approach		
OSRA00Z	Replacement of Right Hip Joint, Acetabular Surface with Polyethylene Synthetic Substitute,	Procedure	ICD-10-PCS
	Open Approach		
0SRA019	Replacement of Right Hip Joint, Acetabular Surface with Metal Synthetic Substitute,	Procedure	ICD-10-PCS
000 4 04 4	Cemented, Open Approach	D	ICD 40 DCC
OSRA01A	Replacement of Right Hip Joint, Acetabular Surface with Metal Synthetic Substitute,	Procedure	ICD-10-PCS
OSRA01Z	Uncemented, Open Approach Replacement of Right Hip Joint, Acetabular Surface with Metal Synthetic Substitute, Open	Procedure	ICD-10-PCS
USNAUIZ	Approach	riocedule	ICD-10-PC3
0SRA039	Replacement of Right Hip Joint, Acetabular Surface with Ceramic Synthetic Substitute,	Procedure	ICD-10-PCS
	Cemented, Open Approach		.02 20 . 00
0SRA03A	Replacement of Right Hip Joint, Acetabular Surface with Ceramic Synthetic Substitute,	Procedure	ICD-10-PCS
	Uncemented, Open Approach		
OSRA03Z	Replacement of Right Hip Joint, Acetabular Surface with Ceramic Synthetic Substitute, Open	Procedure	ICD-10-PCS
	Approach		
OSRA07Z	Replacement of Right Hip Joint, Acetabular Surface with Autologous Tissue Substitute, Open	Procedure	ICD-10-PCS
	Approach		
OSRAOJ9	Replacement of Right Hip Joint, Acetabular Surface with Synthetic Substitute, Cemented,	Procedure	ICD-10-PCS
	Open Approach		
0SRA0JA	Replacement of Right Hip Joint, Acetabular Surface with Synthetic Substitute, Uncemented,	Procedure	ICD-10-PCS
00045:=	Open Approach		100 10 555
OSRAOJZ	Replacement of Right Hip Joint, Acetabular Surface with Synthetic Substitute, Open	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
0SRA0KZ	Replacement of Right Hip Joint, Acetabular Surface with Nonautologous Tissue Substitute,	Procedure	ICD-10-PCS
	Open Approach		
0SRB019	Replacement of Left Hip Joint with Metal Synthetic Substitute, Cemented, Open Approach		ICD-10-PCS
OSRB01A	Replacement of Left Hip Joint with Metal Synthetic Substitute, Uncemented, Open Approach		
OSRB01Z	Replacement of Left Hip Joint with Metal Synthetic Substitute, Open Approach		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
0SRB039	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		ICD-10-PCS
	Approach		
OSRB03Z	Replacement of Left Hip Joint with Ceramic Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0SRB049	Replacement of Left Hip Joint with Ceramic on Polyethylene Synthetic Substitute, Cemented,		
	Open Approach		
OSRB04A	Replacement of Left Hip Joint with Ceramic on Polyethylene Synthetic Substitute,	Procedure	ICD-10-PCS
	Uncemented, Open Approach		
OSRB04Z	Replacement of Left Hip Joint with Ceramic on Polyethylene Synthetic Substitute, Open	Procedure	ICD-10-PCS
	Approach		
OSRB07Z	Replacement of Left Hip Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRBOJ9	Replacement of Left Hip Joint with Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRBOJA	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
OSRC07Z	Replacement of Right Knee Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRCOJ9	Replacement of Right Knee Joint with Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRCOJA	Replacement of Right Knee Joint with Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRCOJZ	Replacement of Right Knee Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRCOKZ	Replacement of Right Knee Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRCOL9	Replacement of Right Knee Joint with Unicondylar Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRCOLA	Replacement of Right Knee Joint with Unicondylar Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRCOLZ	Replacement of Right Knee Joint with Unicondylar Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRD07Z	Replacement of Left Knee Joint with Autologous Tissue Substitute, Open Approach		ICD-10-PCS
OSRDOJ9	Replacement of Left Knee Joint with Synthetic Substitute, Cemented, Open Approach		ICD-10-PCS
0SRD0JA	Replacement of Left Knee Joint with Synthetic Substitute, Uncemented, Open Approach		ICD-10-PCS
OSRDOJZ	Replacement of Left Knee Joint with Synthetic Substitute, Open Approach		ICD-10-PCS
0SRD0KZ	Replacement of Left Knee Joint with Nonautologous Tissue Substitute, Open Approach		ICD-10-PCS
OSRDOL9	Replacement of Left Knee Joint with Unicondylar Synthetic Substitute, Cemented, Open		ICD-10-PCS
	Approach		

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		Code	
Code	Description	Category	Code Type
OSRDOLA	Replacement of Left Knee Joint with Unicondylar Synthetic Substitute, Uncemented, Open		ICD-10-PCS
	Approach		
OSRDOLZ	Replacement of Left Knee Joint with Unicondylar Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRE009	Replacement of Left Hip Joint, Acetabular Surface with Polyethylene Synthetic Substitute,		ICD-10-PCS
	Cemented, Open Approach		
OSRE00A	Replacement of Left Hip Joint, Acetabular Surface with Polyethylene Synthetic Substitute,	Procedure	ICD-10-PCS
001120071	Uncemented, Open Approach		.02 20 . 00
OSRE00Z	Replacement of Left Hip Joint, Acetabular Surface with Polyethylene Synthetic Substitute,	Procedure	ICD-10-PCS
002002	Open Approach		.02 20 . 00
OSRE019	Replacement of Left Hip Joint, Acetabular Surface with Metal Synthetic Substitute,	Procedure	ICD-10-PCS
03112013	Cemented, Open Approach	110000010	100 10 1 00
OSRE01A	Replacement of Left Hip Joint, Acetabular Surface with Metal Synthetic Substitute,	Procedure	ICD-10-PCS
OSILLOTA	Uncemented, Open Approach	Troccaure	100 10 1 05
OSRE01Z	Replacement of Left Hip Joint, Acetabular Surface with Metal Synthetic Substitute, Open	Procedure	ICD-10-PCS
OSINEOIE	Approach	Troccaure	100 10 1 05
OSRE039	Replacement of Left Hip Joint, Acetabular Surface with Ceramic Synthetic Substitute,	Procedure	ICD-10-PCS
03.12033	Cemented, Open Approach	110000010	100 10 1 00
OSRE03A	Replacement of Left Hip Joint, Acetabular Surface with Ceramic Synthetic Substitute,	Procedure	ICD-10-PCS
031120371	Uncemented, Open Approach		100 10 1 00
OSRE03Z	Replacement of Left Hip Joint, Acetabular Surface with Ceramic Synthetic Substitute, Open	Procedure	ICD-10-PCS
OSINEOSE	Approach	Troccaure	100 10 1 05
OSRE07Z	Replacement of Left Hip Joint, Acetabular Surface with Autologous Tissue Substitute, Open	Procedure	ICD-10-PCS
OSINEOTE	Approach	Troccaure	100 10 1 05
OSREOJ9	Replacement of Left Hip Joint, Acetabular Surface with Synthetic Substitute, Cemented,	Procedure	ICD-10-PCS
03112033	Open Approach		100 10 1 00
OSREOJA	Replacement of Left Hip Joint, Acetabular Surface with Synthetic Substitute, Uncemented,	Procedure	ICD-10-PCS
001120071	Open Approach		.02 20 . 00
OSREOJZ	Replacement of Left Hip Joint, Acetabular Surface with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSREOKZ	Replacement of Left Hip Joint, Acetabular Surface with Nonautologous Tissue Substitute,		ICD-10-PCS
OSTILOTIL	Open Approach		100 10 1 00
OSRF07Z	Replacement of Right Ankle Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRFOJ9	Replacement of Right Ankle Joint with Synthetic Substitute, Cemented, Open Approach		ICD-10-PCS
OSRFOJA	Replacement of Right Ankle Joint with Synthetic Substitute, Uncemented, Open Approach		ICD-10-PCS
OSRFOJZ	Replacement of Right Ankle Joint with Synthetic Substitute, Open Approach		ICD-10-PCS
OSRFOKZ	Replacement of Right Ankle Joint with Nonautologous Tissue Substitute, Open Approach		ICD-10-PCS
OSRG07Z	Replacement of Left Ankle Joint with Autologous Tissue Substitute, Open Approach		ICD-10-PCS
OSRGOJ9	Replacement of Left Ankle Joint with Synthetic Substitute, Cemented, Open Approach		ICD-10-PCS
OSRGOJA	Replacement of Left Ankle Joint with Synthetic Substitute, Uncemented, Open Approach		ICD-10-PCS
OSRGOJZ	Replacement of Left Ankle Joint with Synthetic Substitute, Open Approach		ICD-10-PCS
OSRG0KZ	Replacement of Left Ankle Joint with Nonautologous Tissue Substitute, Open Approach		ICD-10-PCS
OSRHO7Z	Replacement of Right Tarsal Joint with Autologous Tissue Substitute, Open Approach		ICD-10-PCS
OSRHOJZ	Replacement of Right Tarsal Joint with Synthetic Substitute, Open Approach		ICD-10-PCS
OSRHOKZ	Replacement of Right Tarsal Joint with Nonautologous Tissue Substitute, Open Approach		ICD-10-PCS
OSRJ07Z	Replacement of Left Tarsal Joint with Autologous Tissue Substitute, Open Approach		ICD-10-PCS
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Code	Description	Category	Code Type
OSRJOJZ	Replacement of Left Tarsal Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRJOKZ	Replacement of Left Tarsal Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRK07Z	Replacement of Right Metatarsal-Tarsal Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRKOJZ	Replacement of Right Metatarsal-Tarsal Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRKOKZ	Replacement of Right Metatarsal-Tarsal Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRLO7Z	Replacement of Left Metatarsal-Tarsal Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRLOJZ	Replacement of Left Metatarsal-Tarsal Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRLOKZ	Replacement of Left Metatarsal-Tarsal Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRM07Z	Replacement of Right Metatarsal-Phalangeal Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRM0JZ	Replacement of Right Metatarsal-Phalangeal Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRM0KZ	Replacement of Right Metatarsal-Phalangeal Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRN07Z	Replacement of Left Metatarsal-Phalangeal Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRNOJZ	Replacement of Left Metatarsal-Phalangeal Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRNOKZ	Replacement of Left Metatarsal-Phalangeal Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRP07Z	Replacement of Right Toe Phalangeal Joint with Autologous Tissue Substitute, Open	Procedure	ICD-10-PCS
OSRPOJZ	Replacement of Right Toe Phalangeal Joint with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRPOKZ	Replacement of Right Toe Phalangeal Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRQ07Z	Replacement of Left Toe Phalangeal Joint with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0SRQ0JZ	Replacement of Left Toe Phalangeal Joint with Synthetic Substitute, Open Approach		ICD-10-PCS
0SRQ0KZ	Replacement of Left Toe Phalangeal Joint with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRRO19	Replacement of Right Hip Joint, Femoral Surface with Metal Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRRO1A	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
OSRR07Z	Replacement of Right Hip Joint, Femoral Surface with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
OSRROJ9	Replacement of Right Hip Joint, Femoral Surface with Synthetic Substitute, Cemented, Open	Procedure	ICD-10-PCS
	Approach		
OSRROJA	Replacement of Right Hip Joint, Femoral Surface with Synthetic Substitute, Uncemented,	Procedure	ICD-10-PCS
OSRROJZ	Open Approach Replacement of Right Hip Joint, Femoral Surface with Synthetic Substitute, Open Approach	Procedure	ICD 10 DCS
OSRROKZ	Replacement of Right Hip Joint, Femoral Surface with Synthetic Substitute, Open Approach Replacement of Right Hip Joint, Femoral Surface with Nonautologous Tissue Substitute,		ICD-10-PCS
OSITIONE	Open Approach	riocedure	ICD-10-1 C3
0SRS019	Replacement of Left Hip Joint, Femoral Surface with Metal Synthetic Substitute, Cemented,	Procedure	ICD-10-PCS
	Open Approach		
OSRSO1A	Replacement of Left Hip Joint, Femoral Surface with Metal Synthetic Substitute,	Procedure	ICD-10-PCS
	Uncemented, Open Approach		
OSRS01Z	Replacement of Left Hip Joint, Femoral Surface with Metal Synthetic Substitute, Open	Procedure	ICD-10-PCS
0000000	Approach	Dun and duna	ICD 40 DCC
0SRS039	Replacement of Left Hip Joint, Femoral Surface with Ceramic Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRSO3A	Replacement of Left Hip Joint, Femoral Surface with Ceramic Synthetic Substitute,	Procedure	ICD-10-PCS
001100071	Uncemented, Open Approach	1100000010	100 10 1 00
OSRS03Z	Replacement of Left Hip Joint, Femoral Surface with Ceramic Synthetic Substitute, Open	Procedure	ICD-10-PCS
	Approach		
OSRS07Z	Replacement of Left Hip Joint, Femoral Surface with Autologous Tissue Substitute, Open	Procedure	ICD-10-PCS
	Approach		
OSRSOJ9	Replacement of Left Hip Joint, Femoral Surface with Synthetic Substitute, Cemented, Open	Procedure	ICD-10-PCS
OSRSOJA	Approach Replacement of Left Hip Joint, Femoral Surface with Synthetic Substitute, Uncemented,	Procedure	ICD-10-PCS
OSNOOM	Open Approach	riocedule	10-10-10-
OSRSOJZ	Replacement of Left Hip Joint, Femoral Surface with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRSOKZ	Replacement of Left Hip Joint, Femoral Surface with Nonautologous Tissue Substitute, Open	Procedure	ICD-10-PCS
	Approach		
OSRT07Z	Replacement of Right Knee Joint, Femoral Surface with Autologous Tissue Substitute, Open	Procedure	ICD-10-PCS
	Approach		
OSRTOJ9	Replacement of Right Knee Joint, Femoral Surface with Synthetic Substitute, Cemented,	Procedure	ICD-10-PCS
OSRTOJA	Open Approach Replacement of Right Knee Joint, Femoral Surface with Synthetic Substitute, Uncemented,	Procedure	ICD-10-PCS
OSKTOJA	Open Approach	riocedule	100-10-703
OSRTOJZ	Replacement of Right Knee Joint, Femoral Surface with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRTOKZ	Replacement of Right Knee Joint, Femoral Surface with Nonautologous Tissue Substitute,	Procedure	ICD-10-PCS
	Open Approach		
OSRU07Z	Replacement of Left Knee Joint, Femoral Surface with Autologous Tissue Substitute, Open	Procedure	ICD-10-PCS
	Approach		
OSRUOJ9	Replacement of Left Knee Joint, Femoral Surface with Synthetic Substitute, Cemented, Open	Procedure	ICD-10-PCS
OSBLIOIA	Approach Replacement of Left Knee Joint, Femoral Surface with Synthetic Substitute, Uncemented,	Procedure	ICD-10-PCS
OSRUOJA	Open Approach	FIOCEGUIE	ICD-10-4C3
OSRUOJZ	Replacement of Left Knee Joint, Femoral Surface with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
	, , , , , , , , , , , , , , , , , , , ,		

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Code	Description	Code Category	Codo Typo
OSRUOKZ	Description Replacement of Left Knee Joint, Femoral Surface with Nonautologous Tissue Substitute,		Code Type ICD-10-PCS
USKUUKZ	Open Approach	Procedure	ICD-10-PCS
OSRV07Z	Replacement of Right Knee Joint, Tibial Surface with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRVOJ9	Replacement of Right Knee Joint, Tibial Surface with Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRVOJA	Replacement of Right Knee Joint, Tibial Surface with Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
0SRV0JZ	Replacement of Right Knee Joint, Tibial Surface with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OSRVOKZ	Replacement of Right Knee Joint, Tibial Surface with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0SRW07Z	Replacement of Left Knee Joint, Tibial Surface with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
OSRW0J9	Replacement of Left Knee Joint, Tibial Surface with Synthetic Substitute, Cemented, Open Approach	Procedure	ICD-10-PCS
OSRWOJA	Replacement of Left Knee Joint, Tibial Surface with Synthetic Substitute, Uncemented, Open Approach	Procedure	ICD-10-PCS
OSRWOJZ	Replacement of Left Knee Joint, Tibial Surface with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0SRW0KZ	Replacement of Left Knee Joint, Tibial Surface with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0SW90JZ	Revision of Synthetic Substitute in Right Hip Joint, Open Approach	Procedure	ICD-10-PCS
0SW93JZ	Revision of Synthetic Substitute in Right Hip Joint, Percutaneous Approach	Procedure	ICD-10-PCS
0SW94JZ	Revision of Synthetic Substitute in Right Hip Joint, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SWA0JZ	Revision of Synthetic Substitute in Right Hip Joint, Acetabular Surface, Open Approach	Procedure	ICD-10-PCS
0SWA3JZ	Revision of Synthetic Substitute in Right Hip Joint, Acetabular Surface, Percutaneous Approach	Procedure	ICD-10-PCS
0SWA4JZ	Revision of Synthetic Substitute in Right Hip Joint, Acetabular Surface, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OSWB0JZ	Revision of Synthetic Substitute in Left Hip Joint, Open Approach	Procedure	ICD-10-PCS
OSWB3JZ	Revision of Synthetic Substitute in Left Hip Joint, Percutaneous Approach	Procedure	ICD-10-PCS
OSWB4JZ	Revision of Synthetic Substitute in Left Hip Joint, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SWC0JC	Revision of Synthetic Substitute in Right Knee Joint, Patellar Surface, Open Approach	Procedure	ICD-10-PCS
0SWC0JZ	Revision of Synthetic Substitute in Right Knee Joint, Open Approach	Procedure	ICD-10-PCS
OSWC3JC	Revision of Synthetic Substitute in Right Knee Joint, Patellar Surface, Percutaneous Approach	Procedure	ICD-10-PCS
OSWC3JZ	Revision of Synthetic Substitute in Right Knee Joint, Percutaneous Approach		ICD-10-PCS
0SWC4JC	Revision of Synthetic Substitute in Right Knee Joint, Patellar Surface, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OSWC4JZ	Revision of Synthetic Substitute in Right Knee Joint, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SWD0JC	Revision of Synthetic Substitute in Left Knee Joint, Patellar Surface, Open Approach	Procedure	ICD-10-PCS
0SWD0JZ	Revision of Synthetic Substitute in Left Knee Joint, Open Approach	Procedure	ICD-10-PCS
OSWD3JC	Revision of Synthetic Substitute in Left Knee Joint, Patellar Surface, Percutaneous Approach	Procedure	ICD-10-PCS
0SWD3JZ	Revision of Synthetic Substitute in Left Knee Joint, Percutaneous Approach		ICD-10-PCS
0SWD4JC	Revision of Synthetic Substitute in Left Knee Joint, Patellar Surface, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
0SWD4JZ	Revision of Synthetic Substitute in Left Knee Joint, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OSWE0JZ	Revision of Synthetic Substitute in Left Hip Joint, Acetabular Surface, Open Approach	Procedure	ICD-10-PCS
OSWE3JZ	Revision of Synthetic Substitute in Left Hip Joint, Acetabular Surface, Percutaneous	Procedure	ICD-10-PCS
OSWE4JZ	Revision of Synthetic Substitute in Left Hip Joint, Acetabular Surface, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
0SWF0JZ	Revision of Synthetic Substitute in Right Ankle Joint, Open Approach	Procedure	ICD-10-PCS
0SWF3JZ	Revision of Synthetic Substitute in Right Ankle Joint, Percutaneous Approach	Procedure	ICD-10-PCS
0SWF4JZ	Revision of Synthetic Substitute in Right Ankle Joint, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SWG0JZ	Revision of Synthetic Substitute in Left Ankle Joint, Open Approach	Procedure	ICD-10-PCS
0SWG3JZ	Revision of Synthetic Substitute in Left Ankle Joint, Percutaneous Approach	Procedure	ICD-10-PCS
0SWG4JZ	Revision of Synthetic Substitute in Left Ankle Joint, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SWH0JZ	Revision of Synthetic Substitute in Right Tarsal Joint, Open Approach	Procedure	ICD-10-PCS
0SWH3JZ	Revision of Synthetic Substitute in Right Tarsal Joint, Percutaneous Approach	Procedure	ICD-10-PCS
0SWH4JZ	Revision of Synthetic Substitute in Right Tarsal Joint, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0SWJ0JZ	Revision of Synthetic Substitute in Left Tarsal Joint, Open Approach	Procedure	ICD-10-PCS
0SWJ3JZ	Revision of Synthetic Substitute in Left Tarsal Joint, Percutaneous Approach	Procedure	ICD-10-PCS
0SWJ4JZ	Revision of Synthetic Substitute in Left Tarsal Joint, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OSWK0JZ	Revision of Synthetic Substitute in Right Metatarsal-Tarsal Joint, Open Approach	Procedure	ICD-10-PCS
OSWK3JZ	Revision of Synthetic Substitute in Right Metatarsal-Tarsal Joint, Percutaneous Approach	Procedure	ICD-10-PCS
OSWK4JZ	Revision of Synthetic Substitute in Right Metatarsal-Tarsal Joint, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0SWL0JZ	Revision of Synthetic Substitute in Left Metatarsal-Tarsal Joint, Open Approach	Procedure	ICD-10-PCS
0SWL3JZ	Revision of Synthetic Substitute in Left Metatarsal-Tarsal Joint, Percutaneous Approach	Procedure	ICD-10-PCS
0SWL4JZ	Revision of Synthetic Substitute in Left Metatarsal-Tarsal Joint, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0SWM0JZ	Revision of Synthetic Substitute in Right Metatarsal-Phalangeal Joint, Open Approach	Procedure	ICD-10-PCS
OSWM3JZ	Revision of Synthetic Substitute in Right Metatarsal-Phalangeal Joint, Percutaneous	Procedure	ICD-10-PCS
0SWM4JZ	Revision of Synthetic Substitute in Right Metatarsal-Phalangeal Joint, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
0SWN0JZ	Revision of Synthetic Substitute in Left Metatarsal-Phalangeal Joint, Open Approach	Procedure	ICD-10-PCS
OSWN3JZ	Revision of Synthetic Substitute in Left Metatarsal-Phalangeal Joint, Percutaneous Approach	Procedure	ICD-10-PCS
OSWN4JZ	Revision of Synthetic Substitute in Left Metatarsal-Phalangeal Joint, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
OSWP0JZ	Revision of Synthetic Substitute in Right Toe Phalangeal Joint, Open Approach	Procedure	ICD-10-PCS
OSWP3JZ	Revision of Synthetic Substitute in Right Toe Phalangeal Joint, Percutaneous Approach	Procedure	ICD-10-PCS
OSWP4JZ	Revision of Synthetic Substitute in Right Toe Phalangeal Joint, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0SWQ0JZ	Revision of Synthetic Substitute in Left Toe Phalangeal Joint, Open Approach	Procedure	ICD-10-PCS
0SWQ3JZ	Revision of Synthetic Substitute in Left Toe Phalangeal Joint, Percutaneous Approach	Procedure	ICD-10-PCS
0SWQ4JZ	Revision of Synthetic Substitute in Left Toe Phalangeal Joint, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
OSWROJZ	Revision of Synthetic Substitute in Right Hip Joint, Femoral Surface, Open Approach	Procedure	ICD-10-PCS
OSWR3JZ	Revision of Synthetic Substitute in Right Hip Joint, Femoral Surface, Percutaneous Approach	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
0SWR4JZ	Revision of Synthetic Substitute in Right Hip Joint, Femoral Surface, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
0SWS0JZ	Revision of Synthetic Substitute in Left Hip Joint, Femoral Surface, Open Approach	Procedure	ICD-10-PCS
0SWS3JZ	Revision of Synthetic Substitute in Left Hip Joint, Femoral Surface, Percutaneous Approach	Procedure	ICD-10-PCS
0SWS4JZ	Revision of Synthetic Substitute in Left Hip Joint, Femoral Surface, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0SWT0JZ	Revision of Synthetic Substitute in Right Knee Joint, Femoral Surface, Open Approach	Procedure	ICD-10-PCS
OSWT3JZ	Revision of Synthetic Substitute in Right Knee Joint, Femoral Surface, Percutaneous	Procedure	ICD-10-PCS
OSWT4JZ	Revision of Synthetic Substitute in Right Knee Joint, Femoral Surface, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
0SWU0JZ	Revision of Synthetic Substitute in Left Knee Joint, Femoral Surface, Open Approach	Procedure	ICD-10-PCS
0SWU3JZ	Revision of Synthetic Substitute in Left Knee Joint, Femoral Surface, Percutaneous Approach	Procedure	ICD-10-PCS
0SWU4JZ	Revision of Synthetic Substitute in Left Knee Joint, Femoral Surface, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
0SWV0JZ	Revision of Synthetic Substitute in Right Knee Joint, Tibial Surface, Open Approach	Procedure	ICD-10-PCS
0SWV3JZ	Revision of Synthetic Substitute in Right Knee Joint, Tibial Surface, Percutaneous Approach	Procedure	ICD-10-PCS
0SWV4JZ	Revision of Synthetic Substitute in Right Knee Joint, Tibial Surface, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0SWW0JZ	Revision of Synthetic Substitute in Left Knee Joint, Tibial Surface, Open Approach	Procedure	ICD-10-PCS
0SWW3JZ	Revision of Synthetic Substitute in Left Knee Joint, Tibial Surface, Percutaneous Approach	Procedure	ICD-10-PCS
0SWW4JZ	Revision of Synthetic Substitute in Left Knee Joint, Tibial Surface, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
	Mitral valve disease		
394.0	Mitral stenosis	•	
394.1	Rheumatic mitral insufficiency	Diagnosis	ICD-9-CM
394.2	Mitral stenosis with insufficiency	Diagnosis	ICD-9-CM
396.0	Mitral valve stenosis and aortic valve stenosis	Diagnosis	ICD-9-CM
396.1	Mitral valve stenosis and aortic valve insufficiency	Diagnosis	ICD-9-CM
396.2	Mitral valve insufficiency and aortic valve stenosis	Diagnosis	ICD-9-CM
396.3	Mitral valve insufficiency and aortic valve insufficiency	J	ICD-9-CM
746.5	Congenital mitral stenosis	Diagnosis	ICD-9-CM
746.6	Congenital mitral insufficiency	Diagnosis	ICD-9-CM
105.0	Rheumatic mitral stenosis	Diagnosis	ICD-10-CM
105.1	Rheumatic mitral insufficiency	Diagnosis	ICD-10-CM
105.2	Rheumatic mitral stenosis with insufficiency	_	ICD-10-CM
0.801	Rheumatic disorders of both mitral and aortic valves	•	ICD-10-CM
108.3	Combined rheumatic disorders of mitral, aortic and tricuspid valves	Diagnosis	ICD-10-CM
134.2	Nonrheumatic mitral stenosis	Diagnosis	ICD-10-CM
Q23.2	Congenital mitral stenosis	Diagnosis	ICD-10-CM
Q23.3	Congenital mitral insufficiency	Diagnosis	ICD-10-CM
027G04Z	Dilation of Mitral Valve with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
027G0DZ	Dilation of Mitral Valve with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
027G0ZZ	Dilation of Mitral Valve, Open Approach	Procedure	ICD-10-PCS
02NG0ZZ	Release Mitral Valve, Open Approach	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
02QG0ZZ	Repair Mitral Valve, Open Approach	Procedure	ICD-10-PCS
02VG0ZZ	Restriction of Mitral Valve, Open Approach	Procedure	ICD-10-PCS
	Valve replacement		
V422	Heart valve replaced by transplant	Diagnosis	ICD-9-CM
V433	Heart valve replaced by other means	Diagnosis	
352	OPEN & OTHR REPLACEMENT HEART VALVE	Procedure	ICD-9-CM
3520	OPEN & OTHER REPL UNS HEART VALVE	Procedure	ICD-9-CM
3521	OPEN OTH REPL AORTIC VALVE TISS GFT	Procedure	ICD-9-CM
3522	OPEN & OTHR REPLACEMNT AORTIC VALVE	Procedure	ICD-9-CM
3523	OPN OTH REPL MITRL VALVE TISS GRAFT	Procedure	ICD-9-CM
3524	OPEN & OTHER REPLCEMNT MITRAL VALVE	Procedure	ICD-9-CM
3525	OPEN OTH REPL PULM VALVE TISS GRAFT	Procedure	ICD-9-CM
3526	OPEN & OTHER REPL PULMONARY VALVE	Procedure	ICD-9-CM
3527	OPEN & OTH REPL TV W/TISSUE GRAFT	Procedure	ICD-9-CM
3528	OPEN & OTHER REPL TRICUSPD VALVE	Procedure	ICD-9-CM
33405	REPLACEMENT OF AORTIC VALVE	Procedure	
33406	REPLACEMENT OF AORTIC VALVE	Procedure	
33410	REPLACEMENT OF AORTIC VALVE	Procedure	
33411	REPLACEMENT OF AORTIC VALVE	Procedure	
33412	REPLACEMENT OF AORTIC VALVE	Procedure	
33413	REPLACEMENT OF AORTIC VALVE	Procedure	
33430	REPLACEMENT OF MITRAL VALVE	Procedure	
33465	REPLACE TRICUSPID VALVE	Procedure	
33475	REPLACEMENT PULMONARY VALVE	Procedure	
33496	REPAIR PROSTH VALVE CLOT	Procedure	
Z95.2	Presence of prosthetic heart valve	_	ICD-10-CM
Z95.3	Presence of xenogenic heart valve	_	ICD-10-CM
Z95.4	Presence of other heart-valve replacement	_	ICD-10-CM
02RF07Z	Replacement of Aortic Valve with Autologous Tissue Substitute, Open Approach		ICD-10-PCS
02RF08Z	Replacement of Aortic Valve with Zooplastic Tissue, Open Approach		ICD-10-PCS
02RF0JZ	Replacement of Aortic Valve with Synthetic Substitute, Open Approach		ICD-10-PCS
02RF0KZ	Replacement of Aortic Valve with Nonautologous Tissue Substitute, Open Approach		ICD-10-PCS
02RF47Z	Replacement of Aortic Valve with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02RF48Z	Replacement of Aortic Valve with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02RF4JZ	Replacement of Aortic Valve with Synthetic Substitute, Percutaneous Endoscopic Approach		ICD-10-PCS
02RF4KZ	Replacement of Aortic Valve with Nonautologous Tissue Substitute, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
02RG07Z	Replacement of Mitral Valve with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02RG08Z	Replacement of Mitral Valve with Zooplastic Tissue, Open Approach		ICD-10-PCS
02RG0JZ	Replacement of Mitral Valve with Synthetic Substitute, Open Approach		ICD-10-PCS
02RG0KZ	Replacement of Mitral Valve with Nonautologous Tissue Substitute, Open Approach		ICD-10-PCS
02RG37Z	Replacement of Mitral Valve with Autologous Tissue Substitute, Percutaneous Approach		ICD-10-PCS
02RG38Z	Replacement of Mitral Valve with Zooplastic Tissue, Percutaneous Approach		ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
02RG3JZ	Replacement of Mitral Valve with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
02RG3KZ	Replacement of Mitral Valve with Nonautologous Tissue Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
02RG47Z	Replacement of Mitral Valve with Autologous Tissue Substitute, Percutaneous Endoscopic	Procedure	ICD-10-PCS
02RG48Z	Approach Replacement of Mitral Valve with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02RG4JZ	Replacement of Mitral Valve with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02RG4KZ	Replacement of Mitral Valve with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02RH07Z	Replacement of Pulmonary Valve with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02RH08Z	Replacement of Pulmonary Valve with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
02RH0JZ	Replacement of Pulmonary Valve with Synthetic Substitute, Open Approach		ICD-10-PCS
02RH0KZ	Replacement of Pulmonary Valve with Nonautologous Tissue Substitute, Open Approach		ICD-10-PCS
02RH47Z	Replacement of Pulmonary Valve with Autologous Tissue Substitute, Percutaneous Endoscopic Approach		ICD-10-PCS
02RH48Z	Replacement of Pulmonary Valve with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02RH4JZ	Replacement of Pulmonary Valve with Synthetic Substitute, Percutaneous Endoscopic Approach		ICD-10-PCS
02RH4KZ	Replacement of Pulmonary Valve with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02RJ07Z	Replacement of Tricuspid Valve with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02RJ08Z	Replacement of Tricuspid Valve with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
02RJ0JZ	Replacement of Tricuspid Valve with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02RJ0KZ	Replacement of Tricuspid Valve with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02RJ47Z	Replacement of Tricuspid Valve with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02RJ48Z	Replacement of Tricuspid Valve with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02RJ4JZ	Replacement of Tricuspid Valve with Synthetic Substitute, Percutaneous Endoscopic	Procedure	ICD-10-PCS
02RJ4KZ	Replacement of Tricuspid Valve with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
X2RF032	Replacement of Aortic Valve using Zooplastic Tissue, Rapid Deployment Technique, Open Approach, New Technology Group 2	Procedure	ICD-10-PCS
X2RF432	Replacement of Aortic Valve using Zooplastic Tissue, Rapid Deployment Technique,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach, New Technology Group 2		
	Valve repair		
33400	REPAIR OF AORTIC VALVE	Procedure	CPT-4
33401	VALVULOPLASTY OPEN	Procedure	CPT-4
33403	VALVULOPLASTY W/CP BYPASS	Procedure	CPT-4
33420	REVISION OF MITRAL VALVE	Procedure	CPT-4
33422	REVISION OF MITRAL VALVE	Procedure	CPT-4
33425	REPAIR OF MITRAL VALVE	Procedure	CPT-4
33426	REPAIR OF MITRAL VALVE	Procedure	CPT-4
33427	REPAIR OF MITRAL VALVE	Procedure	CPT-4
33463	VALVULOPLASTY TRICUSPID	Procedure	CPT-4
33464	VALVULOPLASTY TRICUSPID	Procedure	CPT-4

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		Code
Code	Description	Category Code Type
33465	REPLACE TRICUSPID VALVE	Procedure CPT-4
33470	REVISION OF PULMONARY VALVE	Procedure CPT-4
33471	VALVOTOMY PULMONARY VALVE	Procedure CPT-4
33472	REVISION OF PULMONARY VALVE	Procedure CPT-4
33474	REVISION OF PULMONARY VALVE	Procedure CPT-4
92986	REVISION OF AORTIC VALVE	Procedure CPT-4
92987	REVISION OF MITRAL VALVE	Procedure CPT-4
92990	REVISION OF PULMONARY VALVE	Procedure CPT-4

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Appendix F. List of Generic and Brand Names of Medical Products Used to Define Censoring Criteria in this Request

Generic Name	Brand Name	
Anti-coagulants		
apixaban	Eliquis	
apixaban	Eliquis DVT-PE Treat 30D Start	
dabigatran etexilate mesylate	Pradaxa	
dabigatran etexilate mesylate	dabigatran etexilate	
edoxaban tosylate	Savaysa	
rivaroxaban	Xarelto	
rivaroxaban	Xarelto DVT-PE Treat 30d Start	
warfarin sodium	Coumadin	
warfarin sodium	warfarin	
warfarin sodium	Jantoven	

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name Brand Name		
Estrogen replacement		
drospirenone/estradiol	Angeliq	
estradiol	estradiol	
estradiol	Estrace	
estradiol	Elestrin	
estradiol	Vivelle-Dot	
estradiol	Estraderm	
estradiol	Divigel	
estradiol	Evamist	
estradiol	Estrasorb	
estradiol	EstroGel	
estradiol	Climara	
estradiol	Menostar	
estradiol	Alora	
estradiol	Vivelle	
estradiol	Estradiol Transdermal Patch	
estradiol	Minivelle	
estradiol	Estring	
estradiol	Vagifem	
estradiol	Yuvafem	
estradiol	Dotti	
estradiol	Lyllana	
estradiol acetate	Femtrace	
estradiol acetate	Femring	
estradiol cypionate	Depo-Estradiol	
estradiol valerate	estradiol valerate	
estradiol valerate	Delestrogen	
estradiol/levonorgestrel	Climara Pro	
estradiol/norethindrone acetate	Mimvey Lo	
estradiol/norethindrone acetate	Mimvey	
estradiol/norethindrone acetate	Activella	
estradiol/norethindrone acetate	estradiol-norethindrone acet	
estradiol/norethindrone acetate	Amabelz	
estradiol/norethindrone acetate	Lopreeza	
estradiol/norethindrone acetate	CombiPatch	
estradiol/norgestimate	Prefest	
estradiol/norgestimate	Ortho-Prefest	
estradiol/progesterone	Bijuva	
estrogens, conjugated	Premarin	
estrogens, conjugated, synthetic A	Cenestin	
estrogens, conjugated, synthetic B	Enjuvia	
estrogens, conjugated/bazedoxifene acetate	Duavee	
estrogens, conjugated/medroxyprogesterone acetate	Prempro	
estrogens, conjugated/medroxyprogesterone acetate	Premphase	
estrogens, esterified	Menest	
estrogens,esterified/methyltestosterone	estrogens-methyltestosterone	
estrogens, esterified/methyltestosterone	Covaryx	
estrogens,esterified/methyltestosterone	Covaryx H.S.	
estrogens, esternieu/metriyitestosterone	Covalyn 11.3.	

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
estrogens, esterified/methyltestosterone	EEMT
estrogens, esterified/methyltestosterone	EEMT HS
estrogens, esterified/methyltestosterone	Essian
estrogens, esterified/methyltestosterone	Essian H.S.
estrone	estrone (bulk)
estropipate	Ogen 1.25
estropipate	estropipate
estropipate	Ogen 0.625
estropipate	Ogen 2.5
estropipate	Ortho-Est 0.625
estropipate	Ortho-Est 1.25
norethindrone acetate-ethinyl estradiol	Jinteli
norethindrone acetate-ethinyl estradiol	Femhrt Low Dose
norethindrone acetate-ethinyl estradiol	Femhrt 1/5
norethindrone acetate-ethinyl estradiol	Jevantique Lo
norethindrone acetate-ethinyl estradiol	Jevantique
norethindrone acetate-ethinyl estradiol	Fyavolv
norethindrone acetate-ethinyl estradiol	norethindrone ac-eth estradiol

H2-antagonist		
nizatidine	Axid	
famotidine	Pepcid	
famotidine	Pepcid RPD	
cimetidine HCl	cimetidine HCl	
cimetidine	cimetidine	
famotidine	famotidine	
nizatidine	nizatidine	
ibuprofen/famotidine	ibuprofen-famotidine	
ranitidine HCl	ranitidine HCl	
cimetidine	Tagamet	
cimetidine	Heartburn Relief (cimetidine)	
ranitidine HCl	Acid Reducer (ranitidine)	
famotidine	Acid Reducer (famotidine)	
famotidine	Acid Controller	
famotidine/calcium carbonate/magnesium hydroxide	Complete	
ranitidine HCl	Zantac	
cimetidine	Tagamet HB	
famotidine/calcium carbonate/magnesium hydroxide	Tums Dual Action (famotidine)	
ranitidine HCl	Zantac 150 EFFERdose	
ranitidine HCl	Zantac 25 EFFERdose	
ranitidine HCl	Wal-Zan 150	
ranitidine HCl	Wal-Zan 75	
famotidine/calcium carbonate/magnesium hydroxide	Acid Controller Complete	
ranitidine HCl	Zantac 75	
ranitidine HCl	Zantac Maximum Strength	
nizatidine	Axid AR	
cimetidine	Acid Reducer (cimetidine)	

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
famotidine	Heartburn Relief (famotidine)
famotidine/calcium carbonate/magnesium hydroxide	Dual Action Complete
famotidine/calcium carbonate/magnesium hydroxide	Acid Reducer Complete (famot)
ranitidine HCl	Taladine
famotidine/calcium carbonate/magnesium hydroxide	Pepcid Complete
famotidine	Pepcid AC
ranitidine HCl	Acid Control (ranitidine)
famotidine	Heartburn Prevention
ranitidine HCl	Heartburn Relief (ranitidine)
cimetidine	Heartburn 200
cimetidine	Acid Relief (cimetidine)
RANITIDINE HCL	Deprizine
cimetidine	Heartburn
ranitidine HCl/dietary supplement no.17	Gabitidine
ranitidine HCI/dietary supplement no.8	Sentradine
ibuprofen/famotidine	Duexis
famotidine/calcium carbonate/magnesium hydroxide	Duo Fusion

Non-steroidal anti-inflammatory drugs (NSAIDs)		
naproxen	Naprosyn	
ketorolac tromethamine	Toradol	
naproxen sodium	Anaprox DS	
naproxen sodium	Anaprox	
naproxen	EC-Naprosyn	
indomethacin	Indocin	
rofecoxib	Vioxx	
sulindac	Clinoril	
ketoprofen	Oruvail	
flurbiprofen	Ansaid	
ibuprofen	Motrin IB	
ibuprofen	Motrin	
oxaprozin	Daypro	
diclofenac sodium/misoprostol	Arthrotec 50	
diclofenac sodium/misoprostol	Arthrotec 75	
celecoxib	Celebrex	
valdecoxib	Bextra	
diclofenac potassium	Cataflam	
diclofenac sodium	Voltaren-XR	
diclofenac sodium	Voltaren	
nabumetone	Relafen	
ibuprofen	Children's Motrin	
tolmetin sodium	Tolectin DS	
tolmetin sodium	Tolectin	
etodolac	Lodine	
etodolac	Lodine XL	
meloxicam	meloxicam	
naproxen	naproxen	

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
diclofenac sodium	diclofenac sodium
piroxicam	Feldene
ketorolac tromethamine	ketorolac
hydrocodone/ibuprofen	Vicoprofen
ibuprofen	ibuprofen
naproxen sodium	Naprelan
naproxen sodium	naproxen sodium
flurbiprofen	flurbiprofen
piroxicam	piroxicam
etodolac	etodolac
oxaprozin	oxaprozin
diclofenac potassium	diclofenac potassium
nabumetone	nabumetone
tolmetin sodium	tolmetin
ketoprofen	ketoprofen
diclofenac epolamine	diclofenac epolamine
indomethacin	indomethacin
hydrocodone/ibuprofen	hydrocodone-ibuprofen
celecoxib	celecoxib
ibuprofen/famotidine	ibuprofen-famotidine
ibuprofen	Ibuprofen Jr Strength
ibuprofen/diphenhydramine citrate	Ibuprofen PM
ibuprofen	Infant's Ibuprofen
ibuprofen/pseudoephedrine HCl	Ibuprofen Cold-Sinus(with PSE)
ibuprofen	Children's Ibuprofen
naproxen sodium	All Day Pain Relief
fenoprofen calcium	fenoprofen
sumatriptan succinate/naproxen sodium	Treximet
ibuprofen	Genpril
naproxen/esomeprazole magnesium	Vimovo
ibuprofen/oxycodone HCl	ibuprofen-oxycodone
mefenamic acid	Ponstel
mefenamic acid	mefenamic acid
naproxen sodium/pseudoephedrine HCl	Aleve Cold and Sinus
naproxen sodium/pseudoephedrine HCl	Aleve Sinus and Headache
lansoprazole/naproxen	PREVACID NapraPAC
ibuprofen/pseudoephedrine HCl	Wal-Profen Cold-Sinus
ibuprofen	Wal-Profen
naproxen sodium	Wal-Proxen
naproxen sodium/pseudoephedrine HCl	All Day Pain Relief Sinus,Cold
ibuprofen/pseudoephedrine HCl	Wal-Profen D Cold and Sinus
ibuprofen/diphenhydramine HCl	Ibuprofen PM
meclofenamate sodium	meclofenamate
sulindac	sulindac
naproxen/esomeprazole magnesium	naproxen-esomeprazole
sumatriptan succinate/naproxen sodium	sumatriptan-naproxen
diclofenac sodium	Dyloject

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Appendix G. List of Generic and Brand Names of Medical Produ	
Generic Name	Brand Name
indomethacin sodium	indomethacin sodium
ibuprofen	Infant's Motrin
naproxen sodium/pseudoephedrine HCl	Sudafed 12 Hr Pressure-Pain
ibuprofen	Children's Motrin Jr Strength
ibuprofen/diphenhydramine citrate	Motrin PM
ibuprofen/pseudoephedrine HCl	Children's Motrin Cold
ibuprofen/oxycodone HCl	Combunox
ketorolac tromethamine	Sprix
naproxen sodium	All Day Relief
ibuprofen/phenylephrine HCl	Congestion Relief (ibuprof-PE)
ibuprofen	Menadol
ketoprofen	Orudis KT
ibuprofen/acetaminophen	Advil Dual Action
ibuprofen	Advil
ibuprofen/diphenhydramine citrate	Advil PM
ibuprofen/diphenhydramine HCl	Advil PM Liqui-Gels
ibuprofen	Advil Migraine
ibuprofen	Advil Liqui-Gel
ibuprofen	Children's Advil
ibuprofen	Advil Junior Strength
ibuprofen/pseudoephedrine HCl	Advil Cold and Sinus
chlorpheniramine maleate/pseudoephedrine HCl/ibuprofe	er Advil Allergy Sinus
ibuprofen	Infant's Advil
ibuprofen/phenylephrine HCl	Advil Congestion Relief
chlorpheniramine maleate/phenylephrine HCl/ibuprofen	Advil Allergy-Congestion Rlf
ibuprofen/phenylephrine HCl	Advil Sinus Congestion-Pain
diclofenac sodium/misoprostol	diclofenac-misoprostol
meloxicam	Mobic
ibuprofen	Q-Profen
fenoprofen calcium	Nalfon
ibuprofen	IBU-200
diclofenac epolamine	Flector
ibuprofen	Ibuprofen IB
ibuprofen/pseudoephedrine HCl	Cold-Sinus Relief
dextromethorphan HBr/acetaminophen/doxylamine	Nite Time Cold-Flu
naproxen sodium/pseudoephedrine HCl	Sinus and Cold-D
ibuprofen	Children's Ibu-Drops
ibuprofen	Ibupain-200
ibuprofen	Profen IB
ibuprofen	Midol Max St Cramp Formula
naproxen sodium	Midol (naproxen)
diclofenac potassium	Zipsor
diclofenac potassium	Cambia
nabumetone	Relafen DS
diclofenac potassium	Lofena
naproxen sodium	Naprelan CR
ibuprofen	Nuprin

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
ibuprofen/pseudoephedrine HCl	Cold and Sinus Pain Relief
hydrocodone/ibuprofen	Reprexain
ibuprofen/pseudoephedrine HCl	Ibuprofen Cold
ibuprofen	Tab-Profen
naproxen sodium	Aleve
naproxen sodium/pseudoephedrine HCl	Aleve-D Sinus and Headache
naproxen sodium/pseudoephedrine HCl	Aleve-D Sinus and Cold
naproxen sodium/diphenhydramine HCl	Aleve PM
naproxen sodium	Flanax (naproxen)
ibuprofen/diphenhydramine HCl	ibuprofen-diphenhydramine HCl
ibuprofen	Child Ibuprofen
ibuprofen	Infants Ibu-Drops
ibuprofen	Ibu-Drops
ibuprofen lysine/PF	ibuprofen lysine (PF)
ibuprofen	Children's Profen IB
ibuprofen	Infants ProfenIB
indomethacin, submicronized	Tivorbex
diclofenac submicronized	Zorvolex
meloxicam, submicronized	Vivlodex
ibuprofen/irritants counter-irritants combination no.2	Comfort Pac-Ibuprofen
meloxicam/irritants counter-irritants combination no.2	Comfort Pac-Meloxicam
bupivacaine/meloxicam	Zynrelef
ibuprofen	I-Prin
naproxen sodium	Mediproxen
ibuprofen	Addaprin
ibuprofen	Medi-Profen
ibuprofen	Infant's Medi-Profen
ibuprofen	Children's Medi-Profen
ibuprofen	Nuprin Menstrual Relief
ibuprofen/diphenhydramine citrate	ibuprofen-diphenhydramine cit
ibuprofen	Motrin Migraine
naproxen sodium/pseudoephedrine HCl	Sudafed 12 Hr Sinus-Pain
naproxen sodium/pseudoephedrine HCl	Sudafed Sinus 12Hr Pressr-Pain
ibuprofen/phenylephrine HCl	Sudafed PE Head Congestn-Pain
hydrocodone/ibuprofen	Ibudone
hydrocodone/ibuprofen	Xylon 10
ibuprofen	ElixSure IB Suspension
fentanyl citrate	fentanyl citrate
ketorolac tromethamine	ReadySharp ketorolac
fenoprofen calcium	Fenortho
indomethacin	Indocin SR
_	
ketoprofen	Orudis
ketoprofen ibuprofen	Orudis IBU
·	
ibuprofen	IBU
ibuprofen naproxen/irritant counter-irritant combination no.2	IBU Comfort Pac-Naproxen

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Ibuprofen/Caffeine/Vitamins B1, B2, B6, & B12	IC800
diclofenac sodium/capsicum oleoresin	Inflammacin
naproxen/capsicum oleoresin	Naprotin
ibuprofen/glycerin	Ibupak
ibuprofen	Yaprofen
celecoxib	Elyxyb
calcitriol	calcitriol
naproxen sodium/diphenhydramine HCl	Naproxen PM
ibuprofen	Provil
phenylephrine HCl/ketorolac tromethamine	Omidria
naproxen sodium/menthol	NaproPak Cool
naproxen	EC-Naproxen
NAPROXEN	Naproderm
ibuprofen	Ibuprofen M
ibuprofen	Caldolor
tramadol HCI/celecoxib	Seglentis
fenoprofen calcium	ProFeno
indomethacin sodium	Indocin I.V.
phenol	Sore Throat (phenol)
meloxicam, submicronized	meloxicam submicronized
naproxen/dietary supplement,misc. cb.11	Theraproxen
naproxen/dietary supplement,misc. cb.11	Theraproxen-90
piroxicam/dietary supplement,misc. cb.11	Therafeldamine
ibuprofen/dietary supplement, misc. cb.11	Theraprofen-60
ibuprofen/dietary supplement, misc. cb.11	Theraprofen-90
naproxen sodium	Naprelan CR Dose Card
naproxen/capsaicin/menthol/methyl salicylate	Pain Relief Collection
amlodipine besylate/celecoxib	Consensi
diclofenac sodium/capsicum oleoresin	DermaSilkRx DicloPak
diclofenac sodium/capsaicin	Flexipak
bupivacaine/ketorolac/ketamine	bupivacaine-ketorolac-ketamine
ropivacaine HCl/clonidine HCl/ketorolac tromethamine	ropivacaine-clonidin-ketorolac
ropivacaine/ketorolac/ketamine	ropivacaine-ketorolac-ketamine
naproxen/capsaicin/menthol	NaproxenPax
naproxen/capsaicin/menthol	NaproPax
diclofenac sodium/capsicum oleoresin	Xenaflamm
celecoxib/capsaicin/menthol	CapXib
celecoxib/lidocaine/menthol	LidoXib
ibuprofen/pseudoephedrine HCl	Cold-Sinus Relief (ibuprofen)
naproxen sodium/pseudoephedrine HCl	All Day Cold and Sinus
ropivacaine HCl/epinephrine/clonidine HCl/ketorolac tron	
diclofenac sodium/methyl salicylate/menthol/camphor	Inflamma-K
meloxicam	Qmiiz ODT
diclofenac sodium/capsaicin	NuDiclo TabPAK
celecoxib/capsaicin/methyl salicylate/menthol	NuDroxiPAK
ibuprofen/capsaicin/methyl salicylate/menthol	NuDroxiPAK N. 500
nabumetone/capsaicin/methyl salicylate/menthol	NuDroxiPAK N-500

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
diclofenac sodium/capsaicin/methyl salicylate/menthol	NuDroxiPAK DSDR-50
diclofenac sodium/capsaicin/methyl salicylate/menthol	NuDroxiPAK DSDR-75
etodolac/capsaicin/methyl salicylate/menthol	NuDroxiPAK E-400
dexamethasone sod ph/moxifloxacin HCl/ketorolac/sod ch	l dexamet-moxifl-ketoro-NaCl(PF)
meloxicam	Anjeso
diclofenac epolamine	Licart
diclofenac sodium/lidocaine	Lidovix
diclofenac sodium/capsaicin	Inavix
diclofenac sodium/trolamine salicylate	Inflatherm (diclofenac-trolam)
diclofenac sodium/menthol/camphor	Inflatherm(diclofenac-menthol)
indomethacin, submicronized	indomethacin submicronized
diclofenac submicronized	diclofenac submicronized
diclofenac sodium/capsicum oleoresin	PrevidolRx Plus Analgesic Pak
ibuprofen/famotidine	Duexis
ketorolac/norflurane and pentafluoropropane (HFC 245fa)	Toronova SUIK
ketorolac/norflurane and pentafluoropropane (HFC 245fa)	Toronova II SUIK
NAPROXEN	Napro
ibuprofen	Cap-Profen
ibuprofen	Ibutab

Proton	pump inhibitors
pantoprazole sodium	pantoprazole
pantoprazole sodium	Protonix
lansoprazole	Prevacid 24Hr
rabeprazole sodium	rabeprazole
lansoprazole	lansoprazole
omeprazole	omeprazole
esomeprazole magnesium	esomeprazole magnesium
lansoprazole/amoxicillin trihydrate/clarithromycin	amoxicil-clarithromy-lansopraz
omeprazole magnesium	omeprazole magnesium
naproxen/esomeprazole magnesium	Vimovo
omeprazole	Prilosec
omeprazole magnesium	Prilosec
esomeprazole magnesium	Nexium Packet
esomeprazole magnesium	Nexium
esomeprazole sodium	Nexium IV
lansoprazole	Prevacid
lansoprazole	Prevacid SoluTab
lansoprazole/naproxen	PREVACID NapraPAC
lansoprazole/amoxicillin trihydrate/clarithromycin	Prevpac
lansoprazole	Prevacid IV
omeprazole/sodium bicarbonate	omeprazole-sodium bicarbonate
naproxen/esomeprazole magnesium	naproxen-esomeprazole
lansoprazole	Heartburn Treatment 24 Hour
esomeprazole magnesium	Nexium 24HR
lansoprazole	Heartburn Relief 24 Hour
omeprazole/sodium bicarbonate	Zegerid OTC

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
rabeprazole sodium	AcipHex Sprinkle
rabeprazole sodium	AcipHex
esomeprazole sodium	esomeprazole sodium
dexlansoprazole	dexlansoprazole
omeprazole magnesium	Prilosec OTC
OMEPRAZOLE	Omeprazole+SyrSpend SF Alka
esomeprazole strontium	esomeprazole strontium
omeprazole/sodium bicarbonate	Zegerid
dexlansoprazole	Kapidex
dexlansoprazole	Dexilant
colchicine	colchicine
omeprazole magnesium/amoxicillin trihydrate/rifabutin	Talicia
esomeprazole magnesium/glycerin	Esomep-EZS
aspirin/omeprazole	Yosprala
aspirin/omeprazole	aspirin-omeprazole
omeprazole/clarithromycin/amoxicillin trihydrate	Omeclamox-Pak
OMEPRAZOLE	FIRST-Omeprazole
LANSOPRAZOLE	FIRST-Lansoprazole
omeprazole/sodium bicarbonate	OmePPi
omeprazole magnesium	Acid Reducer (omeprazole)
esomeprazole magnesium	Heartburn Treatment
famotidine	Zantac-360 (famotidine)
Calastina assets in secondalia	inhibitor (CCDI) antidonressants

Selective serotonin reuptake inhibitor (SSRI) antidepressants

fluoxetine HCl Prozac Weekly fluoxetine HCl Sarafem olanzapine/fluoxetine HCl Symbyax fluoxetine HCl Prozac paroxetine HCl Paxil CR paroxetine HCl Paxil sertraline HCl Zoloft sertraline HCl sertraline citalopram hydrobromide citalopram fluvoxamine maleate fluvoxamine fluoxetine HCl fluoxetine

olanzapine/fluoxetine HCl olanzapine-fluoxetine escitalopram oxalate escitalopram oxalate paroxetine HCl paroxetine HCl fluoxetine HCl Selfemra escitalopram oxalate Lexapro citalopram hydrobromide Celexa fluoxetine HCl Rapiflux zaleplon zaleplon paroxetine mesylate Pexeva metformin HCl metformin fluoxetine HCI/dietary supplement no.17 Gaboxetine fluoxetine HCI/dietary supplement no.8 Sentroxatine fluvoxamine maleate Luvox CR

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

neric Name	Brand Name
roxetine mesylate	Brisdelle
	Insulin
sulin lispro	Humalog U-100 Insulin
sulin lispro protamine and insulin lispro	Humalog Mix 75-25(U-100)Insuln
sulin lispro protamine and insulin lispro	Humalog Mix 50-50 Insuln U-100
sulin lispro	Humalog KwikPen Insulin
sulin lispro	Humalog Junior KwikPen U-100
sulin glargine,human recombinant analog	Basaglar KwikPen U-100 Insulin
sulin lispro-aabc	Lyumjev U-100 Insulin
sulin lispro	insulin lispro
sulin lispro-aabc	Lyumjev KwikPen U-100 Insulin
sulin regular,beef-pork	lletin I Regular
sulin, pork purified	Iletin II Regular (Pork)
sulin regular, human	Humulin R Regular U-100 Insuln
sulin lispro-aabc	Lyumjev KwikPen U-200 Insulin
sulin lispro protamine and insulin lispro	insulin lispro protamin-lispro
sulin isophane NPH,bf-pk	lletin I NPH
sulin isophane,pork pure	lletin II NPH (Pork)
sulin NPH human isophane	Humulin N NPH U-100 Insulin
sulin zinc,beef-pork	lletin I Lente
sulin zinc,pork purified	lletin II Lente (Pork)
sulin zinc human recombinant	Humulin L
sulin regular, human	Humulin R U-500 (Conc) Insulin
sulin zinc extended human recombinant	Humulin U Insulin
sulin NPH human isophane/insulin regular, human	Humulin 70/30 U-100 Insulin
sulin lispro	Humalog Pen
sulin NPH human isophane	Humulin N Pen
sulin NPH human isophane/insulin regular, human	Humulin 70/30 Insulin Pen
sulin lispro protamine and insulin lispro	Humalog Mix 75-25 KwikPen
sulin lispro protamine and insulin lispro	Humalog Mix 50-50 KwikPen
sulin NPH human isophane/insulin regular, human	Humulin 70/30 U-100 KwikPen
sulin NPH human isophane	Humulin N NPH Insulin KwikPen
sulin regular, human	Humulin R U-500 (Conc) Kwikpen
sulin NPH human isophane/insulin regular, human	Humulin 50/50
•	Soliqua 100/33
sulin glargine, human recombinant analog/lixisenatide	·
sulin glargine, human recombinant analog	Toujeo SoloStar U-300 Insulin Toujeo Max U-300 SoloStar
sulin glargine,human recombinant analog	Afrezza
sulin regular, human	
sulin lispro	Admelog SoloStar II 100 Insulin
sulin lispro	Admelog SoloStar U-100 Insulin
sulin regular, human/insulin release unit	Exubera Combination Pack 12
sulin regular, human/insulin release unit	Exubera Combination Pack 15
sulin Regular, Human/Insulin Release Unit/Chamber/Ir	
sulin regular, human/insulin release unit	Exubera Patient Pack
sulin glargine, human recombinant analog	Lantus Solostar U-100 Insulin
sulin glargine,human recombinant analog	Lantus U-100 Insulin
sulin glulisine	Apidra U-100 Insulin

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
insulin glulisine	Apidra SoloStar U-100 Insulin
insulin NPH human isophane/insulin regular, human	Novolin 70/30 U-100 Insulin
insulin regular, human	Novolin R Regular U-100 Insuln
insulin NPH human isophane	Novolin N NPH U-100 Insulin
insulin regular,human buffered	Velosulin BR (rDNA)
insulin zinc human recombinant	Novolin L
insulin aspart	Novolog U-100 Insulin aspart
insulin aspart	Novolog FlexPen U-100 Insulin
insulin aspart protamine human/insulin aspart	Novolog Mix 70-30 U-100 Insuln
insulin aspart protamine human/insulin aspart	Novolog Mix 70-30FlexPen U-100
insulin regular, human	Novolin R InnoLet
insulin NPH human isophane	Novolin N InnoLet
insulin NPH human isophane/insulin regular, human	Novolin 70/30 InnoLet Insulin
insulin degludec	Tresiba FlexTouch U-200
insulin degludec	Tresiba FlexTouch U-100
insulin degludec	Tresiba U-100 Insulin
insulin degludec/liraglutide	Xultophy 100/3.6
insulin regular, human	Novolin R FlexPen
insulin NPH human isophane	Novolin N FlexPen
insulin NPH human isophane/insulin regular, human	Novolin 70-30 FlexPen U-100
insulin aspart (niacinamide)	Fiasp U-100 Insulin
insulin aspart (niacinamide)	Fiasp FlexTouch U-100 Insulin
insulin aspart (niacinamide)	Fiasp Penfill U-100 Insulin
insulin aspart	Novolog PenFill U-100 Insulin
insulin regular, human	Novolin R PenFill
insulin NPH human isophane	Novolin N PenFill
insulin NPH human isophane/insulin regular, human	Novolin 70/30 PenFill
insulin detemir	Levemir U-100 Insulin
insulin detemir	Levemir FlexTouch U-100 Insuln
insulin detemir	Levemir FlexPen
diluent, insulin aspart combination no.1	Diluting Medium for Novolog
insulin regular, human in 0.9 % sodium chloride	Myxredlin
insulin glargine, human recombinant analog	insulin glargine
insulin regular, human buffered	Velosulin Human Br
insulin glargine,human recombinant analog	Semglee U-100 Insulin
insulin glargine,human recombinant analog	Semglee Pen U-100 Insulin
insulin glargine-yfgn	Semglee(insulin glargine-yfgn)
insulin glargine-yfgn	Semglee(insulin glarg-yfgn)Pen
insulin glargine-yfgn	insulin glargine-yfgn
insulin aspart	insulin aspart U-100
insulin aspart protamine human/insulin aspart	insulin asp prt-insulin aspart
insulin degludec	insulin degludec
	min (Biguanide)
saxagliptin HCl/metformin HCl	Kombiglyze XR
aita aliatia, ab a anh ata /aa atfa waxia LICI	

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Janumet XR

Segluromet

Janumet

sitagliptin phosphate/metformin HCl

sitagliptin phosphate/metformin HCl

ertugliflozin pidolate/metformin HCl



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Generic Name	Brand Name	
rosiglitazone maleate/metformin HCl	Avandamet	
metformin HCl	Glucophage	
metformin HCl	Glucophage XR	
glyburide/metformin HCl	Glucovance	
glipizide/metformin HCl	Metaglip	
metformin HCl	metformin	
pioglitazone HCI/metformin HCI	pioglitazone-metformin	
glyburide/metformin HCl	glyburide-metformin	
glipizide/metformin HCl	glipizide-metformin	
repaglinide/metformin HCl	Prandimet	
dapagliflozin propanediol/metformin HCl	Xigduo XR	
gabapentin	gabapentin	
linagliptin/metformin HCl	Jentadueto	
empagliflozin/metformin HCl	Synjardy	
linagliptin/metformin HCl	Jentadueto XR	
empagliflozin/linagliptin/metformin HCl	Trijardy XR	
metformin HCl	Riomet ER	
metformin HCl	Riomet	
metformin HCl	Glumetza	
pioglitazone HCI/metformin HCI	Actoplus MET	
alogliptin benzoate/metformin HCl	alogliptin-metformin	
butalbital/aspirin/caffeine	butalbital-aspirin-caffeine	
canagliflozin/metformin HCl	Invokamet	
canagliflozin/metformin HCl	Invokamet XR	
metformin HCl	Fortamet	
pioglitazone HCI/metformin HCI	Actoplus Met XR	
alogliptin benzoate/metformin HCl	Kazano	
repaglinide/metformin HCl	repaglinide-metformin	
metformin/caffeine/amino acids 7/herbal comb 125/cholin Appformin		
metformin/amino acids no.7/herbal cmb.125/choline bitar Appformin-D		

metformin/amino acids no.7/herbal cmb.125/c	, , , , ,
	Sulfonylureas
rosiglitazone maleate/glimepiride	Avandaryl

tolazamide Tolinase glyburide Micronase glyburide, micronized Glynase glyburide Diabeta glimepiride Amaryl glipizide Glucotrol XL glipizide Glucotrol chlor propamideDiabinese glyburide/metformin HCl Glucovance glipizide/metformin HCl Metaglip glyburide/metformin HCl glyburide-metformin glimepiride glimepiride glipizide/metformin HCl glipizide-metformin glyburide, micronized glyburide micronized

glyburide glyburide

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
tolazamide	tolazamide
glipizide	glipizide
chlorpropamide	chlorpropamide
tolbutamide	tolbutamide
acetohexamide	acetohexamide
pioglitazone HCl/glimepiride	pioglitazone-glimepiride
triamterene/hydrochlorothiazide	triamterene-hydrochlorothiazid
naproxen sodium	naproxen sodium
pramipexole di-HCl	pramipexole
buspirone HCl	buspirone
pioglitazone HCl/glimepiride	DUETACT
glyburide,micronized	Glycron
	etes Medications
dulaglutide	Trulicity
dapagliflozin propanediol	Farxiga
saxagliptin HCl	Onglyza
saxagliptin HCI/metformin HCI	Kombiglyze XR
sitagliptin phosphate/metformin HCl	Janumet XR
sitagliptin phosphate	Januvia
sitagliptin phosphate/simvastatin	Juvisync
sitagliptin phosphate/metformin HCl	Janumet
ertugliflozin pidolate	Steglatro
ertugliflozin pidolate/metformin HCl	Segluromet
rosiglitazone maleate/glimepiride	Avandaryl
rosiglitazone maleate/metformin HCl	Avandamet
miglitol	Glyset
lixisenatide	Adlyxin
insulin glargine, human recombinant analog/lixisenatide	Soliqua 100/33
acarbose	Precose
rosiglitazone maleate	Avandia
acarbose	acarbose
nateglinide	Starlix
pioglitazone HCl	pioglitazone
pioglitazone HCI/metformin HCI	pioglitazone-metformin
repaglinide	Prandin
repaglinide/metformin HCl	Prandimet
liraglutide	Saxenda
insulin degludec/liraglutide	Xultophy 100/3.6
liraglutide	Victoza 2-Pak
liraglutide	Victoza 3-Pak
semaglutide	Ozempic
semaglutide	Rybelsus
semaglutide	Wegovy
albiglutide	Tanzeum
dapagliflozin propanediol/metformin HCl	Xigduo XR
	Albado Alt

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exenatide

exenatide microspheres

Byetta

Bydureon



Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
exenatide microspheres	Bydureon BCise
pramlintide acetate	SymlinPen 60
pramlintide acetate	SymlinPen 120
repaglinide	repaglinide
nateglinide	nateglinide
linagliptin	Tradjenta
linagliptin/metformin HCl	Jentadueto
empagliflozin	Jardiance
empagliflozin/metformin HCl	Synjardy
empagliflozin/linagliptin	Glyxambi
linagliptin/metformin HCl	Jentadueto XR
empagliflozin/metformin HCl	Synjardy XR
pioglitazone HCl/glimepiride	pioglitazone-glimepiride
phosphorated carbohydrate (dextrose and fructose)	Especol
pioglitazone HCl	Actos
phosphorated carbohydrate (dextrose and fructose)	Anti-Nausea
pioglitazone HCI/metformin HCI	Actoplus MET
pramlintide acetate	Symlin
alogliptin benzoate	alogliptin
alogliptin benzoate/metformin HCl	alogliptin-metformin
alogliptin benzoate/pioglitazone HCl	alogliptin-pioglitazone
canagliflozin	Invokana
canagliflozin/metformin HCl	Invokamet
canagliflozin/metformin HCl	Invokamet XR
phosphorated carbohydrate (dextrose and fructose)	Emetrol
miglitol	miglitol
alogliptin benzoate/pioglitazone HCl	Oseni
alogliptin benzoate	Nesina
pioglitazone HCl/glimepiride	DUETACT
pioglitazone HCI/metformin HCI	Actoplus Met XR
alogliptin benzoate/metformin HCl	Kazano
repaglinide/metformin HCl	repaglinide-metformin
mifepristone	Korlym

Angiotensin-converting enzyme inhibitors (ACEI)/Angiotensin receptor blockers (ARBs)

, inglocensin converting enzyme inimi	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
captopril/hydrochlorothiazide	Capozide
captopril	Capoten
enalapril maleate	Vasotec
lisinopril	Prinivil
lisinopril/hydrochlorothiazide	Prinzide
enalapril maleate/hydrochlorothiazide	Vaseretic
losartan potassium/hydrochlorothiazide	Hyzaar
losartan potassium	Cozaar
nebivolol HCI/valsartan	Byvalson
irbesartan	Avapro
irbesartan/hydrochlorothiazide	Avalide
perindopril erbumine	Aceon
trandolapril	Mavik

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Brand Name
Tarka
Teveten
ramipril
perindopril erbumine
losartan
losartan-hydrochlorothiazide
irbesartan
irbesartan-hydrochlorothiazide
telmisartan
telmisartan-hydrochlorothiazid
Accuretic
Accupril
Teveten HCT
Diovan HCT
Diovan
Lotrel
Lotensin
Lotensin HCT
Exforge
Exforge HCT
Valturna
Entresto
Monopril
Monopril HCT
Univasc
Uniretic
moexipril
enalapril maleate
captopril
captopril-hydrochlorothiazide
lisinopril-hydrochlorothiazide
enalapril-hydrochlorothiazide
quinapril
lisinopril
tholmesartan-amlodipin-hcthiazid
benazepril
moexipril-hydrochlorothiazide
amlodipine-olmesartan
amlodipine-valsartan-hcthiazid
fosinopril
trandolapril
amlodipine-benazepril
valsartan
olmesartan
olmesartan-hydrochlorothiazide
amlodipine-valsartan
enalaprilat

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
benazepril HCl/hydrochlorothiazide	benazepril-hydrochlorothiazide
fosinopril sodium/hydrochlorothiazide	fosinopril-hydrochlorothiazide
enalapril maleate/felodipine	Lexxel
candesartan cilexetil	Atacand
candesartan cilexetil/hydrochlorothiazide	Atacand HCT
lisinopril	Zestril
ramipril	Altace
lisinopril/hydrochlorothiazide	Zestoretic
quinapril HCl/hydrochlorothiazide	quinapril-hydrochlorothiazide
telmisartan/amlodipine besylate	telmisartan-amlodipine
candesartan cilexetil/hydrochlorothiazide	candesartan-hydrochlorothiazid
candesartan cilexetil	candesartan
valsartan/hydrochlorothiazide	valsartan-hydrochlorothiazide
eprosartan mesylate	eprosartan
telmisartan	Micardis
telmisartan/hydrochlorothiazide	Micardis HCT
telmisartan/amlodipine besylate	Twynsta
olmesartan medoxomil	Benicar
olmesartan medoxomil/hydrochlorothiazide	Benicar HCT
amlodipine besylate/olmesartan medoxomil	Azor
olmesartan medoxomil/amlodipine besylate/hydrochlorot	r Tribenzor
isosorbide dinitrate	isosorbide dinitrate
trandolapril/verapamil HCl	trandolapril-verapamil
quinapril HCl/hydrochlorothiazide	Quinaretic
enalapril maleate	Epaned
lisinopril	Qbrelis
azilsartan medoxomil	Edarbi
azilsartan medoxomil/chlorthalidone	Edarbyclor
perindopril arginine/amlodipine besylate	Prestalia
lisinopril/dietary supplement,comb.10	Lytensopril
lisinopril/dietary supplement,comb.10	Lytensopril-90
Antiarrhythmics	
quinidine gluconate	quinidine gluconate

Antiarrhythmics	
quinidine gluconate	quinidine gluconate
procainamide HCl	Pronestyl
procainamide HCl	Pronestyl-SR
amiodarone HCl	Cordarone
ibutilide fumarate	Corvert
dronedarone HCl	Multaq
verapamil HCl	Calan
disopyramide phosphate	Norpace CR
disopyramide phosphate	Norpace
quinidine sulfate	Quinidex Extentabs
propafenone HCl	Rythmol
flecainide acetate	flecainide
mexiletine HCl	mexiletine
dofetilide	Tikosyn
verapamil HCl	verapamil

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
diltiazem HCl	diltiazem HCl
flecainide acetate	Tambocor
sotalol HCl	sotalol
disopyramide phosphate	disopyramide phosphate
sotalol HCl	Sotalol AF
procainamide HCl	procainamide
amiodarone HCl	amiodarone
quinidine sulfate	quinidine sulfate
phenytoin sodium	phenytoin sodium
propafenone HCl	Rythmol SR
lidocaine HCI/PF	Xylocaine (Cardiac) (PF)
tocainide HCl	Tonocard
sotalol HCl	Sorine
amiodarone HCl	Pacerone
mexiletine HCl	Mexitil
lidocaine HCl in dextrose 5% in water/PF	lidocaine in 5 % dextrose (PF)
propafenone HCl	propafenone
lidocaine HCI/PF	lidocaine (PF)
adenosine	Adenocard
ibutilide fumarate	ibutilide fumarate
esmolol HCl	esmolol
adenosine	adenosine
dofetilide	dofetilide
esmolol HCl in sodium chloride, iso-osmotic	Brevibloc in NaCl (iso-osm)
esmolol HCl	Brevibloc
sotalol HCl	Sotylize
esmolol HCl in sodium chloride, iso-osmotic	esmolol in NaCl (iso-osm)
lidocaine HCl in sodium chloride, iso-osmotic/PF	lidocaine in NaCl,iso-osmo(PF)
amiodarone HCI/dextrose 5 % in water	amiodarone in dextrose 5 %
amiodarone in dextrose, iso-osmotic	Nexterone
esmolol HCl in sterile water	esmolol in sterile water
quinidine sulfate	quinidine sulfate (bulk)
quinidine gluconate	Quinaglute Dura-Tabs
sotalol HCl	Betapace
sotalol HCl	Betapace AF
adenosine in 0.9 % sodium chloride	adenosine in 0.9 % sod chlor
adenosine triphosphate	ATP
moricizine HCl	Ethmozine
procainamide HCl	Procanbid
bretylium tosylate	bretylium tosylate
Anti-coagulant (injectable)	
heparin sodium,porcine	heparin (porcine)
fondaparinux sodium	Arixtra
argatrohan	argatrohan

fondaparinux sodium Arixtra
argatroban
heparin sodium,bovine heparin (bovine)

dalteparin sodium, porcine Fragmin

heparin sodium, porcine/PF heparin, porcine (PF)

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
heparin sodium,porcine	heparin lock flush (porcine)
heparin sodium, porcine IN 0.9 % sodium chloride/PF	heparin (porcine) in NaCl (PF)
heparin sodium, porcine in 0.45 % sodium chloride	heparin(porcine) in 0.45% NaCl
heparin sodium,porcine/dextrose 5 % in water	heparin (porcine) in 5 % dex
enoxaparin sodium	Lovenox
argatroban in 0.9 % sodium chloride	argatroban in 0.9 % sod chlor
desirudin	Iprivask
heparin sodium, porcine in 0.9 % sodium chloride	heparin (porcine) in 0.9% NaCl
bivalirudin in 0.9 % sodium chloride	bivalirudin-0.9 % sodium chlor
bivalirudin	bivalirudin
enoxaparin sodium	enoxaparin
warfarin sodium	Coumadin
argatroban in sodium chloride, iso-osmotic	argatroban in NaCL (iso-os)
fondaparinux sodium	fondaparinux
bivalirudin	Angiomax
heparin sodium,porcine/dextrose 5 % in water/PF	heparin (porcine) in D5W (PF)
tinzaparin sodium,porcine	Innohep
lepirudin,recombinant	Refludan
heparin sodium,porcine/PF	Heparin LockFlush(Porcine)(PF)

heparin sodium,porcine/PF	Heparin LockFlush(Porcine)(PF)
	Anti-platelets
prasugrel HCl	Effient
abciximab	Reopro
ticlopidine HCl	Ticlid
vorapaxar sulfate	Zontivity
clopidogrel bisulfate	Plavix
cilostazol	cilostazol
dipyridamole	dipyridamole
aspirin/dipyridamole	aspirin-dipyridamole
eptifibatide	Integrilin
ticlopidine HCl	ticlopidine
clopidogrel bisulfate	clopidogrel
aspirin	aspirin
aspirin	Ecotrin
aspirin	Ecotrin Low Strength
anagrelide HCl	anagrelide
aspirin	Genacote
aspirin	Children's Aspirin
ticagrelor	Brilinta
aspirin	Bayer Aspirin
aspirin	Bayer Chewable Aspirin
aspirin	Bayer Low Dose Aspirin
aspirin/calcium carbonate	Women's Aspirin with Calcium
eptifibatide	eptifibatide
prasugrel HCl	prasugrel
aspirin	EC Aspirin
aspirin	St. Joseph Aspirin
aspirin	St. Joseph Low-Dose Aspirin

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
aspirin/dipyridamole	Aggrenox
dipyridamole	Persantine
aspirin	Aspir-Low
cangrelor tetrasodium	Kengreal
aspirin	Aspirin Childrens
espirin	Enteric Coated Aspirin
aspirin	Stanback Headache Powder
aspirin	Aspir-Trin
aspirin	Extra Strength Bayer
aspirin	Bayer Advanced
aspirin	St Joseph Aspirin
aspirin	Aspirin Extra Strength
aspirin	AsperDrink
aspirin	Lite Coat Aspirin
tirofiban HCl monohydrate	Aggrastat Concentrate
tirofiban HCl monohydrate in 0.9 % sodium chloride	Aggrastat in sodium chloride
aspirin	Lo-Dose Aspirin
aspirin	Aspirin Low-Strength
aspirin	Adult Low Dose Aspirin
aspirin	Miniprin
aspirin	Child Aspirin
aspirin	Halfprin
anagrelide HCl	Agrylin
cilostazol	Pletal
aspirin	Baby Aspirin
dipyridamole	Dipradam
aspirin	Durlaza
aspirin	Aspir-81
aspirin	E.C. Prin
acetaminophen	acetaminophen
aspirin/omeprazole	Yosprala
aspirin/omeprazole	aspirin-omeprazole
aspirin	Adult Aspirin Regimen
aspirin aspirin	Vazalore
	ta-blockers
nadolol	Corgard
bisoprolol fumarate/hydrochlorothiazide	Ziac
bisoprolol fumarate	Zebeta
timolol maleate	Blocadren
timolol maleate/hydrochlorothiazide	Timolide
carvedilol phosphate	Coreg CR
carvedilol	Coreg
acebutolol HCl	Sectral
betaxolol HCl	Kerlone
metoprolol tartrate/hydrochlorothiazide	Lopressor HCT
metoprolol tartrate	Lopressor

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propranolol HCl

Inderal



Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	I Products Used to Define Baseline Characteristics in this Request Brand Name
propranolol HCl	Inderal LA
propranolol HCl/hydrochlorothiazide	Inderide
propranolol HCl	propranolol
carteolol HCl	Cartrol
penbutolol sulfate	Levatol
carvedilol	carvedilol
metoprolol tartrate	metoprolol tartrate
atenolol	atenolol
sotalol HCl	sotalol
bisoprolol fumarate/hydrochlorothiazide	bisoprolol-hydrochlorothiazide
nadolol	nadolol
bisoprolol fumarate	bisoprolol fumarate
sotalol HCl	Sotalol AF
nadolol/bendroflumethiazide	nadolol-bendroflumethiazide
labetalol HCl	labetalol
labetalol HCl in sodium chloride, iso-osmotic	labetalol in NaCl (iso-osmot)
labetalol HCl in dextrose, iso-osmotic	labetalol in dextrose,iso-osm
pindolol	pindolol
labetalol HCl	Trandate
propranolol HCl	InnoPran XL
metoprolol succinate	metoprolol succinate
metoprolol succinate	Toprol XL
propranolol HCI/hydrochlorothiazide	propranolol-hydrochlorothiazid
sotalol HCl	Sorine
atenolol	Tenormin
atenolol/chlorthalidone	Tenoretic 50
atenolol/chlorthalidone	Tenoretic 100
metoprolol succinate/hydrochlorothiazide	Dutoprol
timolol maleate	timolol maleate
metoprolol tartrate/hydrochlorothiazide	metoprolol ta-hydrochlorothiaz
acebutolol HCl	acebutolol
atenolol/chlorthalidone	atenolol-chlorthalidone
nebivolol HCl	Bystolic
esmolol HCl	esmolol
nebivolol HCl	nebivolol
esmolol HCl in sodium chloride, iso-osmotic	Brevibloc in NaCl (iso-osm)
esmolol HCl	Brevibloc
betaxolol HCl	betaxolol
metoprolol succinate	Kapspargo Sprinkle
carvedilol phosphate	carvedilol phosphate
sotalol HCl	Sotylize
esmolol HCl in sodium chloride, iso-osmotic	esmolol in NaCl (iso-osm)
esmolol HCl in sterile water	esmolol in sterile water
sotalol HCl	Betapace
sotalol HCl	Betapace AF
labetalol HCl	Normodyne
nadolol/bendroflumethiazide	Corzide
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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
pindolol	Visken
levetiracetam	Keppra
pravastatin sodium	pravastatin
labetalol in dextrose 5 % in water	labetalol in dextrose 5 %
propranolol HCl	Inderal XL
propranolol HCl	Hemangeol
metoprolol tartrate/dietary supplement,comb.10	Hypertensolol
metoprolol succinate/hydrochlorothiazide	metoprolol su-hydrochlorothiaz

metoprolol succinate/hydrochlorothiazide	metoprolol su-hydrochlorothiaz	
Calcium channel blockers		
nicardipine HCl	Cardene SR	
nicardipine HCl	Cardene	
verapamil HCl	Calan	
verapamil HCl	Calan SR	
verapamil HCl	Covera-HS	
nimodipine	Nimotop	
nifedipine	Adalat CC	
verapamil HCl	Isoptin SR	
bepridil HCl	Vascor	
trandolapril/verapamil HCl	Tarka	
amlodipine besylate	amlodipine	
amlodipine besylate	Norvasc	
amlodipine besylate/atorvastatin calcium	Caduet	
nifedipine	Procardia	
nifedipine	Procardia XL	
verapamil HCl	verapamil	
diltiazem HCl	diltiazem HCl	
diltiazem HCl	Cardizem LA	
amlodipine besylate/benazepril HCl	Lotrel	
amlodipine besylate/valsartan	Exforge	
amlodipine besylate/valsartan/hydrochlorothiazide	Exforge HCT	
aliskiren hemifumarate/amlodipine besylate	Tekamlo	
aliskiren hemifumarate/amlodipine/hydrochlorothiazide	Amturnide	
diltiazem HCl	Cardizem	
diltiazem HCl	Cardizem SR	
diltiazem HCl	Cardizem CD	
verapamil HCl	Verelan	
verapamil HCl	Verelan PM	
nicardipine HCl	nicardipine	
nifedipine	Nifedical XL	
nifedipine	Nifediac CC	
nifedipine	nifedipine	
amlodipine besylate/valsartan/hydrochlorothiazide	amlodipine-valsartan-hcthiazid	
amlodipine besylate/benazepril HCl	amlodipine-benazepril	
amlodipine besylate/valsartan	amlodipine-valsartan	
nicardipine in sodium chloride, iso-osmotic	nicardipine in NaCl (iso-os)	
isradipine	DynaCirc CR	
enalapril maleate/felodipine	Lexxel	

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
felodipine	Plendil
diltiazem HCl	Tiazac
nisoldipine	Sular
telmisartan/amlodipine besylate	telmisartan-amlodipine
nisoldipine	nisoldipine
amlodipine besylate/atorvastatin calcium	amlodipine-atorvastatin
felodipine	felodipine
diltiazem HCl	Cartia XT
diltiazem HCl	Diltia XT
nimodipine	nimodipine
nifedipine	Afeditab CR
telmisartan/amlodipine besylate	Twynsta
nicardipine in sodium chloride, iso-osmotic	Cardene IV in sodium chloride
nicardipine in dextrose, iso-osmotic	Cardene IV in dextrose
clevidipine butyrate	Cleviprex
diltiazem HCI/dextrose 5 % in water	diltiazem in dextrose 5 %
isradipine	isradipine
nimodipine	Nymalize
nicardipine HCl	Cardene IV
levamlodipine maleate	levamlodipine
nicardipine HCl in 0.9 % sodium chloride	nicardipine in 0.9 % sod chlor
amlodipine besylate	Norliqva
trandolapril/verapamil HCl	trandolapril-verapamil
diltiazem HCl	Dilacor XR
diltiazem HCl	Matzim LA
amlodipine benzoate	Katerzia
isradipine	DynaCirc
amlodipine besylate/olmesartan medoxomil	Azor
diltiazem HCl	DILT-XR
fosinopril sodium	fosinopril
diltiazem HCl	DILT-CD
diltiazem HCl	Diltzac ER
diltiazem HCl	Taztia XT
diltiazem HCl in 0.9 % sodium chloride	diltiazem HCl in 0.9% NaCl
nicardipine in 5 % dextrose in water	nicardipine in 5 % dextrose
perindopril arginine/amlodipine besylate	Prestalia
olmesartan medoxomil/amlodipine besylate/hydrochloro	tł Tribenzor
levamlodipine maleate	Conjupri
diltiazem HCl	Tiadylt ER
amlodipine besylate/celecoxib	Consensi
	goxin
digoxin	digoxin
digoxin	Lanoxin
digoxin	Lanoxin Pediatric
digoxin	Lanoxicaps
digoxin	Digitek
digoxin	Digox
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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
	Diuretics - Loop
bumetanide	Bumex
torsemide	Demadex
ethacrynic acid	Edecrin
furosemide	Lasix
torsemide	torsemide
ethacrynic acid	ethacrynic acid
furosemide	furosemide
bumetanide	bumetanide
furosemide in 0.9 % sodium chloride	furosemide in 0.9 % NaCl
ethacrynate sodium	Sodium Edecrin
ethacrynate sodium	ethacrynate sodium
furosemide/dextrose 5 % in water	furosemide in dextrose 5 %
furosemide	Furoscix
torsemide	Soaanz
	etics - Potassium sparing
amiloride HCl	Midamor
amiloride HCI/hydrochlorothiazide	Moduretic
triamterene/hydrochlorothiazide	Dyazide
spironolactone	, Aldactone
spironolactone/hydrochlorothiazide	Aldactazide
eplerenone	Inspra
triamterene/hydrochlorothiazide	triamterene-hydrochlorothiazid
eplerenone	eplerenone
spironolactone	spironolactone
spironolactone/hydrochlorothiazide	spironolacton-hydrochlorothiaz
triamterene/hydrochlorothiazide	Maxzide
triamterene/hydrochlorothiazide	Maxzide-25mg
amiloride HCI/hydrochlorothiazide	amiloride-hydrochlorothiazide
amiloride HCl	amiloride
spironolactone	CaroSpir
triamterene	triamterene
triamterene	Dyrenium
metoprolol tartrate	metoprolol tartrate
Thetoproior tartrate	Diuretics - Thiazide
captopril/hydrochlorothiazide	Capozide
bendroflumethiazide	Naturetin
bisoprolol fumarate/hydrochlorothiazide	Ziac
hydrochlorothiazide	HydroDiuril
timolol maleate/hydrochlorothiazide	Timolide
lisinopril/hydrochlorothiazide	Prinzide
enalapril maleate/hydrochlorothiazide	Vaseretic
chlorothiazide	Diuril
methyldopa/hydrochlorothiazide	Aldoril-15
methyldopa/hydrochlorothiazide	Aldoril-15 Aldoril-25
	Aldoclor
methyldopa/chlorothiazide	
methyldopa/hydrochlorothiazide	Aldoril D30

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
osartan potassium/hydrochlorothiazide	Hyzaar
amiloride HCI/hydrochlorothiazide	Moduretic
riamterene/hydrochlorothiazide	Dyazide
rbesartan/hydrochlorothiazide	Avalide
spironolactone/hydrochlorothiazide	Aldactazide
metoprolol tartrate/hydrochlorothiazide	Lopressor HCT
methyclothiazide	Aquatensen
propranolol HCI/hydrochlorothiazide	Inderide
osartan potassium/hydrochlorothiazide	losartan-hydrochlorothiazide
rbesartan/hydrochlorothiazide	irbesartan-hydrochlorothiazide
elmisartan/hydrochlorothiazide	telmisartan-hydrochlorothiazid
nydrochlorothiazide	hydrochlorothiazide
polythiazide	Renese
orazosin HCI/polythiazide	Minizide
quinapril HCl/hydrochlorothiazide	Accuretic
eprosartan mesylate/hydrochlorothiazide	Teveten HCT
methyclothiazide	Enduron
deserpidine/methyclothiazide	Enduronyl
deserpidine/methyclothiazide	Enduronyl Forte
nydrochlorothiazide	Oretic
ndapamide	Lozol
valsartan/hydrochlorothiazide	Diovan HCT
oenazepril HCl/hydrochlorothiazide	Lotensin HCT
aliskiren hemifumarate/hydrochlorothiazide	Tekturna HCT
amlodipine besylate/valsartan/hydrochlorothiazide	Exforge HCT
aliskiren hemifumarate/amlodipine/hydrochlorothiazide	Amturnide
osinopril sodium/hydrochlorothiazide	Monopril HCT
moexipril HCl/hydrochlorothiazide	Uniretic
ndapamide	indapamide
captopril/hydrochlorothiazide	captopril-hydrochlorothiazide
isinopril/hydrochlorothiazide	lisinopril-hydrochlorothiazide
enalapril maleate/hydrochlorothiazide	enalapril-hydrochlorothiazide
moexipril HCl/hydrochlorothiazide	moexipril-hydrochlorothiazide
amlodipine besylate/valsartan/hydrochlorothiazide	amlodipine-valsartan-hcthiazid
metolazone	metolazone
nadolol/bendroflumethiazide	nadolol-bendroflumethiazide
chlorothiazide	chlorothiazide
riamterene/hydrochlorothiazide	triamterene-hydrochlorothiazid
oenazepril HCl/hydrochlorothiazide	benazepril-hydrochlorothiazide
pisoprolol fumarate/hydrochlorothiazide	bisoprolol-hydrochlorothiazide
osinopril sodium/hydrochlorothiazide	fosinopril-hydrochlorothiazide
	Atacand HCT
candesartan cilexetil/hydrochlorothiazide	Atacana nei
candesartan cilexetii/hydrochlorothiazide oropranolol HCl/hydrochlorothiazide	propranolol-hydrochlorothiazid
propranolol HCl/hydrochlorothiazide	propranolol-hydrochlorothiazid
oropranolol HCl/hydrochlorothiazide isinopril/hydrochlorothiazide	propranolol-hydrochlorothiazid Zestoretic

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name		
clonidine HCl/chlorthalidone	Clorpres		
spironolactone/hydrochlorothiazide	spironolacton-hydrochlorothiaz		
methyclothiazide	methyclothiazide		
chlorthalidone	chlorthalidone		
metoprolol tartrate/hydrochlorothiazide	metoprolol ta-hydrochlorothiaz		
triamterene/hydrochlorothiazide	Maxzide		
triamterene/hydrochlorothiazide	Maxzide-25mg		
methyldopa/hydrochlorothiazide	methyldopa-hydrochlorothiazide		
quinapril HCl/hydrochlorothiazide	quinapril-hydrochlorothiazide		
amiloride HCl/hydrochlorothiazide	amiloride-hydrochlorothiazide		
atenolol/chlorthalidone	atenolol-chlorthalidone		
candesartan cilexetil/hydrochlorothiazide	candesartan-hydrochlorothiazid		
valsartan/hydrochlorothiazide	valsartan-hydrochlorothiazide		
chlorothiazide sodium	chlorothiazide sodium		
telmisartan/hydrochlorothiazide	Micardis HCT		
hydralazine HCI/reserpine/hydrochlorothiazide	Uni-Serp		
isosorbide dinitrate/hydralazine HCl	BiDil		
hydralazine HCl/hydrochlorothiazide	Hydra-Zide		
hydralazine HCI/hydrochlorothiazide	hydralazine-hydrochlorothiazid		
quinapril HCl/hydrochlorothiazide	Quinaretic		
hydrochlorothiazide	Microzide		
metolazone	Zaroxolyn		
metolazone	Mykrox		
nadolol/bendroflumethiazide	Corzide		
reserpine/hydrochlorothiazide	reserpine-hydrochlorothiazide		
hydralazine HCI/reserpine/hydrochlorothiazide	hydralazine-reserpin-hcthiazid		
metoprolol tartrate	metoprolol tartrate		
spironolactone	spironolactone		
azilsartan medoxomil/chlorthalidone	Edarbyclor		
chlorthalidone	Thalitone		
chlorothiazide sodium	Diuril IV		
Nitrates			
isosorbide mononitrate	Ismo		
isosorbide dinitrate	Isordil Titradose		
isosorbide dinitrate	Isordil		
nitroglycerin	Nitrostat		
isosorbide mononitrate	Imdur		
nitroglycerin	Nitro-Dur		
nitroglycerin	Minitran		
nitroglycerin	nitroglycerin		
isosorbide dinitrate	Dilatrate-SR		
isosorbide mononitrate	Monoket		
isosorbide mononitrate	isosorbide mononitrate		
isosorbide dinitrate	isosorbide dinitrate		
nitroglycerin	Nitro-Bid		
nitroglycerin	Nitrol		
nitroglycerin in 5 % dextrose in water	nitroglycerin in 5 % dextrose		

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
isosorbide dinitrate	ISOCHRON
nitroglycerin	Nitrogard
nitroglycerin	Nitroglyn
isosorbide dinitrate/hydralazine HCl	BiDil
nitroglycerin	Nitrolingual
nitroglycerin	Nitromist
nitroglycerin	GoNitro
amyl nitrite	amyl nitrite
nitroglycerin	Rectiv
nitroglycerin	Nitro-Time
isosorbide dinitrate	IsoDitrate
nitroglycerin	NitroTab
nitroglycerin	NitroQuick
nitroglycerin	Nitronal
nitroglycerin	Nitrek
meloxicam	meloxicam
	tatins
pitavastatin calcium	Livalo
pravastatin sodium	Pravachol
aspirin (calcium carb & magnesium buffers)/pravastatin	PRAVIGARD PAC
sitagliptin phosphate/simvastatin	Juvisync
simvastatin	Zocor
lovastatin	Mevacor
amlodipine besylate/atorvastatin calcium	Caduet
atorvastatin calcium	Lipitor
niacin/lovastatin	Advicor
niacin/simvastatin	Simcor
fluvastatin sodium	Lescol
fluvastatin sodium	Lescol XL
lovastatin	lovastatin
pravastatin sodium	pravastatin
atorvastatin calcium	atorvastatin
simvastatin	simvastatin
fluvastatin sodium	fluvastatin
rosuvastatin calcium	rosuvastatin
ezetimibe/simvastatin	ezetimibe-simvastatin
rosuvastatin calcium	Crestor
amlodipine besylate/atorvastatin calcium	amlodipine-atorvastatin
ezetimibe/simvastatin	Vytorin 10-40
ezetimibe/simvastatin	Vytorin 10-20
ezetimibe/simvastatin	Vytorin 10-10
ezetimibe/simvastatin	Vytorin 10-80
pitavastatin magnesium	Zypitamag
simvastatin	FloLipid
rosuvastatin calcium	Ezallor Sprinkle
lovastatin	Altoprev
nefazodone HCl	nefazodone
norazodone mer	HEIGEOGOTIC

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Appendix G. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name		
lovastatin	Altocor		
ezetimibe/atorvastatin calcium	Liptruzet		
ezetimibe/rosuvastatin calcium	Roszet		
ezetimibe/rosuvastatin calcium	ezetimibe-rosuvastatin		
Fil	prates		
gemfibrozil	gemfibrozil		
gemfibrozil	Lopid		
fenofibric acid (choline)	Trilipix		
fenofibrate nanocrystallized	Tricor		
fenofibrate,micronized	Tricor		
fenofibrate nanocrystallized	fenofibrate nanocrystallized		
fenofibrate,micronized	fenofibrate micronized		
fenofibric acid (choline)	fenofibric acid (choline)		
fenofibrate	fenofibrate		
fenofibric acid	Fibricor		
fenofibrate,micronized	Antara		
fenofibrate	Fenoglide		
fenofibric acid	fenofibric acid		
fenofibrate,micronized	Lofibra		
fenofibrate nanocrystallized	Triglide		
fenofibrate	Lofibra		
fenofibrate	Lipofen		
Amiodarone			
amiodarone HCl	Cordarone		
amiodarone HCl	amiodarone		
amiodarone HCl	Pacerone		
amiodarone HCI/dextrose 5 % in water	amiodarone in dextrose 5 %		
amiodarone in dextrose, iso-osmotic	Nexterone		
Dronedarone			
dronedarone HCl			

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	baseline Characteristics in this nequest	Code	
Code	Description	Category	Code Type
	Diabetes		
250	Diabetes mellitus	Diagnosis	ICD-9-CM
250.0	Diabetes mellitus without mention of complication	Diagnosis	ICD-9-CM
250.00	Diabetes mellitus without mention of complication, type II or unspecified type, not stated as uncontrolled	Diagnosis	ICD-9-CM
250.01	Diabetes mellitus without mention of complication, type I [juvenile type], not stated as uncontrolled	Diagnosis	ICD-9-CM
250.02	Diabetes mellitus without mention of complication, type II or unspecified type, uncontrolled	Diagnosis	ICD-9-CM
250.03	Diabetes mellitus without mention of complication, type I [juvenile type], uncontrolled	Diagnosis	ICD-9-CM
250.1	Diabetes with ketoacidosis	Diagnosis	ICD-9-CM
250.10	Diabetes with ketoacidosis, type II or unspecified type, not stated as uncontrolled	Diagnosis	ICD-9-CM
250.11	Diabetes with ketoacidosis, type I [juvenile type], not stated as uncontrolled	Diagnosis	ICD-9-CM
250.12	Diabetes with ketoacidosis, type II or unspecified type, uncontrolled	Diagnosis	ICD-9-CM
250.13	Diabetes with ketoacidosis, type I [juvenile type], uncontrolled	Diagnosis	ICD-9-CM
250.2	Diabetes with hyperosmolarity	Diagnosis	ICD-9-CM
250.20	Diabetes with hyperosmolarity, type II or unspecified type, not stated as uncontrolled	Diagnosis	ICD-9-CM
250.21	Diabetes with hyperosmolarity, type I [juvenile type], not stated as uncontrolled	Diagnosis	ICD-9-CM
250.22	Diabetes with hyperosmolarity, type II or unspecified type, uncontrolled	Diagnosis	ICD-9-CM
250.23	Diabetes with hyperosmolarity, type I [juvenile type], uncontrolled	Diagnosis	ICD-9-CM
250.3	Diabetes with other coma	Diagnosis	ICD-9-CM
250.30	Diabetes with other coma, type II or unspecified type, not stated as uncontrolled	Diagnosis	ICD-9-CM
250.31	Diabetes with other coma, type I [juvenile type], not stated as uncontrolled	Diagnosis	ICD-9-CM
250.32	Diabetes with other coma, type II or unspecified type, uncontrolled	Diagnosis	ICD-9-CM
250.33	Diabetes with other coma, type I [juvenile type], uncontrolled	Diagnosis	ICD-9-CM
250.4	Diabetes with renal manifestations	Diagnosis	ICD-9-CM
250.40	Diabetes with renal manifestations, type II or unspecified type, not stated as uncontrolled	Diagnosis	ICD-9-CM
250.41	Diabetes with renal manifestations, type I [juvenile type], not stated as uncontrolled	Diagnosis	ICD-9-CM
250.42	Diabetes with renal manifestations, type II or unspecified type, uncontrolled	Diagnosis	ICD-9-CM
250.43	Diabetes with renal manifestations, type I [juvenile type], uncontrolled	Diagnosis	ICD-9-CM
250.5	Diabetes with ophthalmic manifestations	Diagnosis	ICD-9-CM
250.50	Diabetes with ophthalmic manifestations, type II or unspecified type, not stated as uncontrolled	Diagnosis	ICD-9-CM
250.51	Diabetes with ophthalmic manifestations, type I [juvenile type], not stated as uncontrolled	Diagnosis	ICD-9-CM
250.52	Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled	Diagnosis	ICD-9-CM
250.53	Diabetes with ophthalmic manifestations, type I [juvenile type], uncontrolled	Diagnosis	ICD-9-CM
250.6	Diabetes with neurological manifestations	Diagnosis	ICD-9-CM
250.60	Diabetes with neurological manifestations, type II or unspecified type, not stated as uncontrolled	Diagnosis	ICD-9-CM
250.61	Diabetes with neurological manifestations, type I [juvenile type], not stated as uncontrolled	Diagnosis	ICD-9-CM
250.62	Diabetes with neurological manifestations, type II or unspecified type, uncontrolled	Diagnosis	ICD-9-CM
250.63	Diabetes with neurological manifestations, type I [juvenile type], uncontrolled	Diagnosis	ICD-9-CM
250.7	Diabetes with peripheral circulatory disorders	Diagnosis	ICD-9-CM

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	Baseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
250.70	Diabetes with peripheral circulatory disorders, type II or unspecified type, not stated as uncontrolled	Diagnosis	ICD-9-CM
250.71	Diabetes with peripheral circulatory disorders, type I [juvenile type], not stated as uncontrolled	Diagnosis	ICD-9-CM
250.72	Diabetes with peripheral circulatory disorders, type II or unspecified type, uncontrolled	Diagnosis	ICD-9-CM
250.73	Diabetes with peripheral circulatory disorders, type I [juvenile type], uncontrolled	Diagnosis	ICD-9-CM
250.8	Diabetes with other specified manifestations	Diagnosis	ICD-9-CM
250.80	Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled	Diagnosis	ICD-9-CM
250.81	Diabetes with other specified manifestations, type I [juvenile type], not stated as	Diagnosis	ICD-9-CM
250.82	Diabetes with other specified manifestations, type II or unspecified type, uncontrolled	Diagnosis	ICD-9-CM
250.83	Diabetes with other specified manifestations, type I [juvenile type], uncontrolled	Diagnosis	ICD-9-CM
250.9	Diabetes with unspecified complication	Diagnosis	ICD-9-CM
250.90	Diabetes with unspecified complication, type II or unspecified type, not stated as	Diagnosis	ICD-9-CM
250.91	Diabetes with unspecified complication, type I [juvenile type], not stated as uncontrolled	Diagnosis	ICD-9-CM
250.92	Diabetes with unspecified complication, type II or unspecified type, uncontrolled	Diagnosis	ICD-9-CM
250.93	Diabetes with unspecified complication, type I [juvenile type], uncontrolled	Diagnosis	ICD-9-CM
A5500	For diabetics only, fitting (including follow-up), custom preparation and supply of off-the-	Procedure	HCPCS
	shelf depth-inlay shoe manufactured to accommodate multidensity insert(s), per shoe		
A5501	For diabetics only, fitting (including follow-up), custom preparation and supply of shoe molded from cast(s) of patient's foot (custom molded shoe), per shoe	Procedure	HCPCS
A5503	For diabetics only, modification (including fitting) of off-the-shelf depth-inlay shoe or custom molded shoe with roller or rigid rocker bottom, per shoe	Procedure	HCPCS
A5504	For diabetics only, modification (including fitting) of off-the-shelf depth-inlay shoe or custom molded shoe with wedge(s), per shoe	Procedure	HCPCS
A5505	For diabetics only, modification (including fitting) of off-the-shelf depth-inlay shoe or custom molded shoe with metatarsal bar, per shoe	Procedure	HCPCS
A5506	For diabetics only, modification (including fitting) of off-the-shelf depth-inlay shoe or custom molded shoe with off-set heel(s), per shoe	Procedure	HCPCS
A5507	For diabetics only, not otherwise specified modification (including fitting) of off-the-shelf depth-inlay shoe or custom molded shoe, per shoe	Procedure	HCPCS
A5508	For diabetics only, deluxe feature of off-the-shelf depth-inlay shoe or custom molded shoe, per shoe	Procedure	HCPCS
A5510	For diabetics only, direct formed, compression molded to patient's foot without external heat source, multiple-density insert(s) prefabricated, per shoe	Procedure	HCPCS
A5512	For diabetics only, multiple density insert, direct formed, molded to foot after external heat source of 230 degrees Fahrenheit or higher, total contact with patient's foot, including arch, base layer minimum of 1/4 inch material of Shore A 35 durometer or 3/16 inch material of Shore A 40 durometer (or higher), prefabricated, each	Procedure	HCPCS
A5513	For diabetics only, multiple density insert, custom molded from model of patient's foot, total contact with patient's foot, including arch, base layer minimum of 3/16 inch material of Shore A 35 durometer (or higher), includes arch filler and other shaping material, custom fabricated, each	Procedure	HCPCS

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		Code	
Code	Description	Category	Code Type
G0108	Diabetes outpatient self-management training services, individual, per 30 minutes	Procedure	HCPCS
G0109	Diabetes outpatient self-management training services, group session (2 or more), per 30 minutes	Procedure	HCPCS
G0245	Initial physician evaluation and management of a diabetic patient with diabetic sensory neuropathy resulting in a loss of protective sensation (LOPS) which must include: (1) the diagnosis of LOPS, (2) a patient history, (3) a physical examination that consists of at least the following elements: (a) visual inspection of the forefoot, hindfoot, and toe web spaces, (b) evaluation of a protective sensation, (c) evaluation of foot structure and biomechanics, (d) evaluation of vascular status and skin integrity, and (e) evaluation and recommendation of footwear, and (4) patient education	Procedure	HCPCS
G0246	Follow-up physician evaluation and management of a diabetic patient with diabetic sensory neuropathy resulting in a loss of protective sensation (LOPS) to include at least the following: (1) a patient history, (2) a physical examination that includes: (a) visual inspection of the forefoot, hindfoot, and toe web spaces, (b) evaluation of protective sensation, (c) evaluation of foot structure and biomechanics, (d) evaluation of vascular status and skin integrity, and (e) evaluation and recommendation of footwear, and (3) patient education	Procedure	HCPCS
G0247	Routine foot care by a physician of a diabetic patient with diabetic sensory neuropathy resulting in a loss of protective sensation (LOPS) to include the local care of superficial wounds (i.e., superficial to muscle and fascia) and at least the following, if present: (1) local care of superficial wounds, (2) debridement of corns and calluses, and (3) trimming and debridement of nails	Procedure	HCPCS
G8015	Diabetic patient with most recent hemoglobin A1c level (within the last 6 months) documented as greater than 9%	Procedure	HCPCS
G8016	Diabetic patient with most recent hemoglobin A1c level (within the last 6 months) documented as less than or equal to 9%	Procedure	HCPCS
G8017	Clinician documented that diabetic patient was not eligible candidate for hemoglobin A1c measure	Procedure	HCPCS
G8018	Clinician has not provided care for the diabetic patient for the required time for hemoglobin A1c measure (6 months)	Procedure	HCPCS
G8019	Diabetic patient with most recent low-density lipoprotein (within the last 12 months) documented as greater than or equal to 100 mg/dl	Procedure	HCPCS
G8020	Diabetic patient with most recent low-density lipoprotein (within the last 12 months) documented as less than 100 mg/dl	Procedure	HCPCS
G8021	Clinician documented that diabetic patient was not eligible candidate for low-density lipoprotein measure	Procedure	HCPCS
G8022	Clinician has not provided care for the diabetic patient for the required time for low-density lipoprotein measure (12 months)	Procedure	HCPCS
G8023	Diabetic patient with most recent blood pressure (within the last 6 months) documented as equal to or greater than 140 systolic or equal to or greater than 80 mm Hg diastolic	Procedure	HCPCS
G8024	Diabetic patient with most recent blood pressure (within the last 6 months) documented as less than 140 systolic and less than 80 diastolic	Procedure	HCPCS
G8025	Clinician documented that the diabetic patient was not eligible candidate for blood pressure measure	Procedure	HCPCS

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Code Description Category Code Type 68026 Clinician has not provided care for the diabetic patient for the required time for blood pressure measure (within the last 6 months) Procedure HCPCS 68332 Clinician has not provided care for the diabetic retinopathy patient for the required time for physician managing the provided care for the diabetic retinopathy patient for the required time for physician managing the diabetes care Procedure HCPCS 68333 Patient documentation to findings of macular or fundus exam communicated to the physician managing the patient's ongoing diabetes care Procedure HCPCS 68335 Clinician bocumentation that patient was not an eligible candidate for the findings of their macular or fundus exam being communicated to the physician managing their diabetes care during the reporting year HCPCS 68336 Clinician has not provided care for the diabetic retinopathy patient for the required time for physician communication measurement Procedure HCPCS 68385 Diabetic patients with no documentation of how-density lipoprotein (within the last 12 procedure Procedure HCPCS 68380 Diabetic patients with no documentation of low-density lipoprotein (within the last 12 procedure HCPCS 68385 Diabetic patients with no documentation of low-density lipoprotein (within the last 12 procedure HCPCS		Baseline Characteristics in this Request	Code	
Pressure measure (within the last 6 months) Clinician has not provided care for the diabetic retinopathy patient for the required time for procedure and retinopathy measurement and retinopathy measurement (within the last 12 procedure and physician managing the diabetes care possible in the physician managing the diabetes care possible in the physician managing the patient's ongoing diabetes care managing the patient's ongoing diabetes care (inclinain documentation that patient was not an eligible candidate for the findings of their macular or fundus exam being communicated to the physician managing their diabetes care during the reporting year (Inclician has not provided care for the diabetic retinopathy patient for the required time for physician communication measurement (inclician has not provided care for the diabetic retinopathy patient for the required time for physician communication measurement (inclician has not provided care for the diabetic retinopathy patient for the required time for physician communication measurement (inclination and physician communication measurement (inclination and physician communication measurement (inclination and physician communication of low-density lipoprotein (within the last 12 procedure HCPCS months) (inclinations patients with no documentation of blow-density lipoprotein (within the last 12 procedure HCPCS months) (inclinations patients with not complications patients with not provided care for the diabetic patients with not documentation of blow density lipoprotein (within the last 12 procedure HCPCS months) (inclinations patients) (inclinations) (inclinations) (inclinations) (inclinations) (inclinations)	Code	Description	Category	Code Type
Clinician has not provided care for the diabetic retinopathy patient for the required time for morular dema and retinopathy measurement Procedure Physician managing the diabetes care CREAGRANG Clinician managing the diabetes care CREAGRANG Clinician documentation of findings of macular or fundus exam communicated to the physician managing the patient's ongoing diabetes care CREAGRANG Clinician documentation that patient was not an eligible candidate for the findings of their macular or fundus exam being communicated to the physician managing the patient's ongoing diabetes care during the reporting year CREAGRANG Clinician has not provided care for the diabetic retinopathy patient for the required time for physician communication measurement CREAGRANG Diabetic patients with no documentation of hemoglobin A1c level (within the last 12 procedure HCPCS months) CREAGRANG Diabetic patients with no documentation of low-density lipoprotein (within the last 12 procedure HCPCS months) CREAGRANG Diabetes mellitus without complications CREAGRANG Diabetes mellitus without complications CREAGRANG Diagnosis (CD-10-CM Diagno	G8026	Clinician has not provided care for the diabetic patient for the required time for blood	Procedure	HCPCS
macular edema and retinopathy measurement Procedure HCPCS physician managing the diabetes care CR3334 Documentation of findings of macular or fundus exam not communicated to the physician managing the patient's ongoing diabetes care CR334 Documentation of findings of macular or fundus exam not communicated to the physician managing the patient's ongoing diabetes care CR335 Clinician documentation that patient was not an eligible candidate for the findings of their macular or fundus exam being communicated to the physician managing their diabetes care during the reporting year CR336 Clinician has not provided care for the diabetic retinopathy patient for the required time for physician communication measurement CR336 Diabetic patients with no documentation of hemoglobin A1c level (within the last 12 procedure HCPCS months) CR336 Diabetic patients with no documentation of low-density lipoprotein (within the last 12 procedure HCPCS months) CR340 Diabetic patients with no documentation of blood pressure measurement (within the last 12 procedure HCPCS months) CR340 Type 2 diabetes mellitus without complications CR340 Type 2 diabetes mellitus without complications CR340 Type 2 diabetes mellitus with hyperglycemia CR340 Type 1 diabetes mellitus with hyperglycemia CR340 Type 2 diabetes mellitus with hyperglycemia CR340 Type 2 diabetes mellitus with hyperglycemia CR340 Type 2 diabetes mellitus with ketoacidosis without coma CR340 Type 2 diabetes mellitus with ketoacidosis without coma CR340 Type 2 diabetes mellitus with hyperosmolarity with coma CR340 Type 2 diabetes mellitus with hyperosmolarity with coma CR340 Type 2 diabetes mellitus with hyperosmolarity with coma CR340 Type 2 diabetes mellitus with hyperosmolarity with coma CR340 Type 2 diabetes mellitus with hyperosmolarity with coma CR340 Type 2 diabetes mellitus with hyperosmolarity with coma CR340 Type 2 diabetes mellitus with hyperosmolarity with coma CR340 Type 2 diabetes mellitus with hyperosmolarity with coma CR340 Type 2 diabetes mellitus with other diabeti		pressure measure (within the last 6 months)		
G8333 Patient documented to have had findings of macular or fundus exam communicated to the physician managing the diabetes care managing the patient's ongoing diabetes care during the patient's ongoing diabetes care during the patient's ongoing diabetes care during the reporting year HCPCS 68336 Clinician documentation that patient was not an eligible candidate for the findings of their macular or fundus exam being communicated to the physician managing their diabetes care during the reporting year Procedure HCPCS 68336 Clinician has not provided care for the diabetic retinopathy patient for the required time for physician communication measurement Procedure HCPCS 68386 Diabetic patients with no documentation of hemoglobin A1c level (within the last 12 procedure horse) Procedure hCPCS months) HCPCS 68386 Diabetic patients with no documentation of blood pressure measurement (within the last 12 procedure horse) Procedure hCPCS months) HCPCS months) 6839 Type 2 diabetes mellitus without complications Diagnosis (D-10-CM pagnosis) ICD-10-CM pagnosis 6810.9 Type 1 diabetes mellitus with hyperglycemia Diagnosis ICD-10-CM pagnosis 6810.6 Type 2 diabetes mellitus with hyperglycemia Diagnosis ICD-10-CM pagnosis 6811.6 Type 2 diabetes mellitus with hyperglycemia with coma Diagnosis	G8332	Clinician has not provided care for the diabetic retinopathy patient for the required time for	Procedure	HCPCS
Decembration of findings of macular or fundus exam not communicated to the physician procedure HCPCS managing the patient's ongoing diabetes care HCPCS managing the patient's ongoing diabetes care Clinician documentation that patient was not an eligible candidate for the findings of their macular or fundus exam being communicated to the physician managing their diabetes care during the reporting year HCPCS HC		macular edema and retinopathy measurement		
G8334 Documentation of findings of macular or fundus exam not communicated to the physician managing the patient's ongoing diabetes care (Inician documentation that patient was not an eligible candidate for the findings of their macular or fundus exam being communicated to the physician managing their diabetes care during the reporting year (Clinician has not provided care for the diabetic retinopathy patient for the required time for physician communication measurement (CRCS) physician communication measurement (Diabetic patients with no documentation of hemoglobin A1c level (within the last 12 procedure hCPCS) (Diabetic patients with no documentation of low-density lipoprotein (within the last 12 procedure hCPCS) (CRCS) (Diabetic patients with no documentation of low-density lipoprotein (within the last 12 procedure hCPCS) (CRCS) (CRCS	G8333	Patient documented to have had findings of macular or fundus exam communicated to the	Procedure	HCPCS
managing the patient's ongoing diabetes care Clinician documentation that patient was not an eligible candidate for the findings of their arcular of fundus exam being communicated to the physician managing their diabetes care during the reporting year Clinician has not provided care for the diabetic retinopathy patient for the required time for physician communication measurement Procedure		physician managing the diabetes care		
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E10.36 Type 1 diabetes mellitus with diabetic cataract Diagnosis ICD-10-CM	E10.319	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
	E10.36	Type 1 diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM

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	·	Code	
Code	Description	Category	Code Type
E10.37X1	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right	Diagnosis	ICD-10-CM
E10.37X2	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E10.37X3	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment,	Diagnosis	ICD-10-CM
E10.37X9	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment,	Diagnosis	ICD-10-CM
	unspecified eye		
E10.39	Type 1 diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E10.40	Type 1 diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E11.618	Type 2 diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E11.620	Type 2 diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E11.621	Type 2 diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E11.622	Type 2 diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E11.628	Type 2 diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E11.630	Type 2 diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E11.638	Type 2 diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E11.649	Type 2 diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E10.618	Type 1 diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E10.620	Type 1 diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E10.621	Type 1 diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E10.622	Type 1 diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E10.628	Type 1 diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E10.630	Type 1 diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E10.638	Type 1 diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E10.649	Type 1 diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E11.8	Type 2 diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E10.8	Type 1 diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E13.9	Other specified diabetes mellitus without complications	Diagnosis	ICD-10-CM
E13.00	Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-	Diagnosis	ICD-10-CM
E13.01	hyperosmolar coma (NKHHC)	Diagnosis	ICD 10 CM
E13.01	Other specified diabetes mellitus with hyperosmolarity with coma Other specified diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM ICD-10-CM
	·	Diagnosis	
E13.641	Other specified diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E13.21	Other specified diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E13.29	Other specified diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E11.3211	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3212	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM

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		Code	
Code	Description	Category	Code Type
E11.3213	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3219	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.3291	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3292	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3293	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3299	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.3311	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3312	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3313	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3319	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.3391	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3392	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3399	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.3411	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3412	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3413	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3419	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.3491	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3492	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3493	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM

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		Code	
Code	Description	Category	Code Type
E11.3499	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.3511	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right	Diagnosis	ICD-10-CM
E11.3512	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3513	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema,	Diagnosis	ICD-10-CM
E11.3519	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.3521	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E11.3522	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E11.3523	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E11.3529	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E11.3531	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E11.3532	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E11.3533	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E11.3539	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E11.3541	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E11.3542	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E11.3543	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E11.3549	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E11.3551	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E11.3552	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E11.3553	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E11.3559	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E11.3591	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3592	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3593	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3599	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM

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		Code	
Code	Description	Category	Code Type
E13.3211	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3212	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3213	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3219	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.3291	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3292	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3293	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3299	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.3311	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3312	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3313	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3319	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.3391	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3392	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3393	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3399	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.3411	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3412	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3413	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3419	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.3491	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM

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	dasenne Characteristics in this nequest	Code	
Code	Description	Category	Code Type
E13.3492	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3493	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3499	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.3511	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3512	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3513	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3519	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.3521	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E13.3522	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E13.3523	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E13.3529	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E13.3531	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E13.3532	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E13.3533	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E13.3539	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E13.3541	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E13.3542	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E13.3543	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E13.3549	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E13.3551	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E13.3552	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E13.3553	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E13.3559	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM

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		Code	
Code	Description	Category	Code Type
E13.3591	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3592	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3593	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3599	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.311	Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.319	Other specified diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.36	Other specified diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E13.37X1	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E13.37X2	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E13.37X3	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E13.37X9	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E13.39	Other specified diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E11.37X1	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, right	Diagnosis	ICD-10-CM
E11.37X2	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E11.37X3	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment,	Diagnosis	ICD-10-CM
E11.37X9	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E10.3211	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3212	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3213	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3219	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.3291	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3292	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3293	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3299	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM

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	raseille Characteristics III this nequest	Code	
Code	Description	Category	Code Type
E10.3311	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3312	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3313	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3319	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.3391	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3392	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3393	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3399	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.3411	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3412	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3413	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3419	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.3491	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3492	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3493	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3499	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.3511	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right	Diagnosis	ICD-10-CM
E10.3512	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye		ICD-10-CM
E10.3513	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema,	Diagnosis	ICD-10-CM
E10.3519	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.3521	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E10.3522	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E10.3523	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM

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	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
E10.3529	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal	Diagnosis	ICD-10-CM
	detachment involving the macula, unspecified eye		
E10.3531	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal	Diagnosis	ICD-10-CM
	detachment not involving the macula, right eye		
E10.3532	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal	Diagnosis	ICD-10-CM
	detachment not involving the macula, left eye		
E10.3533	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal	Diagnosis	ICD-10-CM
	detachment not involving the macula, bilateral		
E10.3539	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal	Diagnosis	ICD-10-CM
	detachment not involving the macula, unspecified eye		
E10.3541	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction	Diagnosis	ICD-10-CM
	retinal detachment and rhegmatogenous retinal detachment, right eye		
E10.3542	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction	Diagnosis	ICD-10-CM
	retinal detachment and rhegmatogenous retinal detachment, left eye		
E10.3543	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction	Diagnosis	ICD-10-CM
	retinal detachment and rhegmatogenous retinal detachment, bilateral		
E10.3549	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction	Diagnosis	ICD-10-CM
	retinal detachment and rhegmatogenous retinal detachment, unspecified eye		
E10.3551	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E10.3552	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E10.3553	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E10.3559	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E10.3591	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema,	Diagnosis	ICD-10-CM
	right eye		
E10.3592	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left	Diagnosis	ICD-10-CM
E40.0E00	eye		100 10 011
E10.3593	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema,	Diagnosis	ICD-10-CM
540.0500	bilateral The state of the stat		100 10 011
E10.3599	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema,	Diagnosis	ICD-10-CM
F12 40	unspecified eye	Diamasia	ICD 10 CM
E13.40	Other specified diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E13.41	Other specified diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E13.42	Other specified diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E13.43 E13.44	Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM ICD-10-CM
	Other specified diabetes mellitus with diabetic amyotrophy	Diagnosis	
E13.49 E13.610	Other specified diabetes mellitus with other diabetic neurological complication Other specified diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis Diagnosis	ICD-10-CM
E13.610 E11.41	Type 2 diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM ICD-10-CM
E11.41 E11.42	Type 2 diabetes mellitus with diabetic mononeuropathy	_	
E11.42 E11.43	Type 2 diabetes mellitus with diabetic polyneuropathy Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis Diagnosis	ICD-10-CM ICD-10-CM
E11.45 E11.44	Type 2 diabetes mellitus with diabetic autonomic (polymeuropathy Type 2 diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM
E11.44 E11.49	Type 2 diabetes mellitus with diabetic arryotrophy Type 2 diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM
E11.49 E11.610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
L11.U1U	Type 2 diabetes meintus with diabetic neuropathic arthropathy	סומצווטאוט	ICD-TO-CIAI

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to bellile b	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
E10.41	Type 1 diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E10.42	Type 1 diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E10.43	Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E10.44	Type 1 diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM
E10.49	Type 1 diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM
E10.610	Type 1 diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E13.51	Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E13.52	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E13.59	Other specified diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E11.59	Type 2 diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E10.52	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E10.59	Type 1 diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E13.618	Other specified diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E13.620	Other specified diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E13.621	Other specified diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E13.622	Other specified diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E13.628	Other specified diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E13.630	Other specified diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E13.638	Other specified diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E13.649	Other specified diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E13.65	Other specified diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E13.69	Other specified diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E13.8	Other specified diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E11.10	Type 2 diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E11.11	Type 2 diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
	Hypercholesterolemia		
272.0	Pure hypercholesterolemia	Diagnosis	ICD-9-CM
272.2	Mixed hyperlipidemia	Diagnosis	ICD-9-CM
E78.00	Pure hypercholesterolemia, unspecified	Diagnosis	ICD-10-CM
E78.01	Familial hypercholesterolemia	Diagnosis	ICD-10-CM
E78.2	Mixed hyperlipidemia	Diagnosis	ICD-10-CM
	Hypertension		
401	Essential hypertension	Diagnosis	ICD-9-CM
401.0	Essential hypertension, malignant	Diagnosis	ICD-9-CM
401.1	Essential hypertension, benign	Diagnosis	ICD-9-CM
401.9	Unspecified essential hypertension	Diagnosis	ICD-9-CM
402	Hypertensive heart disease	Diagnosis	ICD-9-CM
402.0	Malignant hypertensive heart disease	Diagnosis	ICD-9-CM
402.00	Malignant hypertensive heart disease without heart failure	Diagnosis	ICD-9-CM
402.01	Malignant hypertensive heart disease with heart failure	Diagnosis	ICD-9-CM
402.1	Benign hypertensive heart disease	Diagnosis	ICD-9-CM
402.10	Benign hypertensive heart disease without heart failure	Diagnosis	ICD-9-CM

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		Code	
Code	Description	Category	Code Type
402.11	Benign hypertensive heart disease with heart failure	Diagnosis	ICD-9-CM
402.9	Unspecified hypertensive heart disease	Diagnosis	ICD-9-CM
402.90	Unspecified hypertensive heart disease without heart failure	Diagnosis	ICD-9-CM
402.91	Hypertensive heart disease, unspecified, with heart failure	Diagnosis	ICD-9-CM
403	Hypertensive chronic kidney disease	Diagnosis	ICD-9-CM
403.0	Hypertensive chronic kidney disease, malignant	Diagnosis	ICD-9-CM
403.00	Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage I through stage IV, or unspecified	Diagnosis	ICD-9-CM
403.01	Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage V or end stage renal disease	Diagnosis	ICD-9-CM
403.1	Hypertensive chronic kidney disease, benign	Diagnosis	ICD-9-CM
403.10	Hypertensive chronic kidney disease, benign, with chronic kidney disease stage I through stage IV, or unspecified	Diagnosis	ICD-9-CM
403.11	Hypertensive chronic kidney disease, benign, with chronic kidney disease stage V or end stage renal disease	Diagnosis	ICD-9-CM
403.9	Hypertensive chronic kidney disease, unspecified	Diagnosis	ICD-9-CM
403.90	Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage I through stage IV, or unspecified	Diagnosis	ICD-9-CM
403.91	Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage V or end stage renal disease	Diagnosis	ICD-9-CM
404	Hypertensive heart and chronic kidney disease	Diagnosis	ICD-9-CM
404.0	Hypertensive heart and chronic kidney disease, malignant	Diagnosis	ICD-9-CM
404.00	Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified	Diagnosis	ICD-9-CM
404.01	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	Diagnosis	ICD-9-CM
404.02	Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage V or end stage renal disease	Diagnosis	ICD-9-CM
404.03	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage V or end stage renal disease	Diagnosis	ICD-9-CM
404.1	Hypertensive heart and chronic kidney disease, benign	Diagnosis	ICD-9-CM
404.10	Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified	Diagnosis	ICD-9-CM
404.11	Hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	Diagnosis	ICD-9-CM
404.12	Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage V or end stage renal disease	Diagnosis	ICD-9-CM
404.13	Hypertensive heart and chronic kidney disease, benign, with heart failure and chronic kidney disease stage V or end stage renal disease	Diagnosis	ICD-9-CM
404.9	Hypertensive heart and chronic kidney disease, unspecified	Diagnosis	ICD-9-CM
404.90	Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified	Diagnosis	ICD-9-CM

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	Baseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
404.91	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and with	Diagnosis	ICD-9-CM
	chronic kidney disease stage I through stage IV, or unspecified		
404.92	Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with	Diagnosis	ICD-9-CM
	chronic kidney disease stage V or end stage renal disease		
404.93	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and chronic	Diagnosis	ICD-9-CM
	kidney disease stage V or end stage renal disease		
405	Secondary hypertension	Diagnosis	ICD-9-CM
405.0	Secondary hypertension, malignant	Diagnosis	ICD-9-CM
405.01	Secondary renovascular hypertension, malignant	Diagnosis	ICD-9-CM
405.09	Other secondary hypertension, malignant	Diagnosis	ICD-9-CM
405.1	Secondary hypertension, benign	Diagnosis	ICD-9-CM
405.11	Secondary renovascular hypertension, benign	Diagnosis	ICD-9-CM
405.19	Other secondary hypertension, benign	Diagnosis	ICD-9-CM
405.9	Unspecified secondary hypertension, unspecified	Diagnosis	ICD-9-CM
405.91	Secondary renovascular hypertension, unspecified	Diagnosis	ICD-9-CM
405.99	Other secondary hypertension, unspecified	Diagnosis	ICD-9-CM
997.91	Hypertension	Diagnosis	ICD-9-CM
110	Essential (primary) hypertension	Diagnosis	ICD-10-CM
111.0	Hypertensive heart disease with heart failure	Diagnosis	ICD-10-CM
111.9	Hypertensive heart disease without heart failure	Diagnosis	ICD-10-CM
112.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	Diagnosis	ICD-10-CM
112.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
113.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
113.10	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
113.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
113.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
115.0	Renovascular hypertension	Diagnosis	ICD-10-CM
115.1	Hypertension secondary to other renal disorders	Diagnosis	ICD-10-CM
115.2	Hypertension secondary to endocrine disorders	Diagnosis	ICD-10-CM
115.8	Other secondary hypertension	Diagnosis	ICD-10-CM
115.9	Secondary hypertension, unspecified	Diagnosis	ICD-10-CM
116.0	Hypertensive urgency	Diagnosis	ICD-10-CM
116.1	Hypertensive emergency	Diagnosis	ICD-10-CM
116.9	Hypertensive crisis, unspecified	Diagnosis	ICD-10-CM
197.3	Postprocedural hypertension	Diagnosis	ICD-10-CM
N26.2	Page kidney	Diagnosis	ICD-10-CM
	Kidney failure - Chronic		

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Code Description Category Code Type 585 Chronic kidney disease, Stage I Diagnosis ICD-9-CM 585.1 Chronic kidney disease, Stage II (mild) Diagnosis ICD-9-CM 585.2 Chronic kidney disease, Stage II (moderate) Diagnosis ICD-9-CM 585.3 Chronic kidney disease, Stage V Diagnosis ICD-9-CM 585.4 Chronic kidney disease, Stage V Diagnosis ICD-9-CM 585.5 Chronic kidney disease, unspecified Diagnosis ICD-9-CM 585.6 End stage renal disease Diagnosis ICD-9-CM 585.6 Unspecified renal failure Diagnosis ICD-9-CM 586 Unspecified renal sclerosis Diagnosis ICD-9-CM 587 Unspecified renal sclerosis Diagnosis ICD-10-CM 588.1 Chronic kidney disease, stage 1 Diagnosis ICD-10-CM 589.1 Chronic kidney disease, stage 3 (moderate) Diagnosis ICD-10-CM 581.2 Chronic kidney disease, stage 4 (severe) Diagnosis ICD-10-CM 581.3 <th>35 2561</th> <th>saseline Characteristics in this Request</th> <th>Code</th> <th></th>	35 2561	saseline Characteristics in this Request	Code	
585.1 Chronic kidney disease, Stage II (mild) Diagnosis (CD-9-CM 1585.3 Chronic kidney disease, Stage III (moderate) Diagnosis (CD-9-CM 1585.3 Chronic kidney disease, Stage IV (severe) Diagnosis (CD-9-CM 1585.3 Chronic kidney disease, Stage IV (severe) Diagnosis (CD-9-CM 1585.5 Chronic kidney disease, Stage V (severe) Diagnosis (CD-9-CM 1585.5 Chronic kidney disease, Stage V (severe) Diagnosis (CD-9-CM 1585.5 Chronic kidney disease, Stage V (severe) Diagnosis (CD-9-CM 1585.5 Chronic kidney disease, stage V (severe) Diagnosis (CD-9-CM 1585.5 Chronic kidney disease, stage V (severe) Diagnosis (CD-9-CM 1585.5 Chronic kidney disease, stage I (severe) Diagnosis (CD-9-CM 1585.5 Chronic kidney disease, stage I (mild) Diagnosis (CD-9-CM 1585.5 Chronic kidney disease, stage 2 (mild) Diagnosis (CD-10-CM 1585.5 Chronic kidney disease, stage 3 (moderate) Diagnosis (CD-10-CM 1585.5 Chronic kidney disease, stage 4 (severe) Diagnosis (CD-10-CM 1585.5 Chronic kidney disease, stage 4 (severe) Diagnosis (CD-10-CM 1585.5 Chronic kidney disease, stage 4 (severe) Diagnosis (CD-10-CM 1585.5 Chronic kidney disease, stage 5 Chronic	Code	Description	Category	Code Type
585.2 Chronic kidney disease, Stage II (mild) Diagnosis ICD-9-CM 585.3 Chronic kidney disease, Stage V (Severe) Diagnosis ICD-9-CM 585.5 Chronic kidney disease, Stage V Diagnosis ICD-9-CM 585.5 Chronic kidney disease, Stage V Diagnosis ICD-9-CM 585.6 End stage renal disease Diagnosis ICD-9-CM 585.9 Chronic kidney disease, uspecified Diagnosis ICD-9-CM 586 Unspecified renal fallure Diagnosis ICD-9-CM N18.1 Chronic kidney disease, stage 1 Diagnosis ICD-10-CM N18.2 Chronic kidney disease, stage 2 (mild) Diagnosis ICD-10-CM N18.3 Chronic kidney disease, stage 3 (moderate) Diagnosis ICD-10-CM N18.4 Chronic kidney disease, stage 5 Diagnosis ICD-10-CM N18.5 Chronic kidney disease, stage 5 Diagnosis ICD-10-CM N18.6 End stage renal disease Diagnosis ICD-10-CM N18.5 Chronic kidney disease, stage 5 Diagnosis ICD-10-CM <tr< td=""><td>585</td><td>Chronic kidney disease (CKD)</td><td>Diagnosis</td><td>ICD-9-CM</td></tr<>	585	Chronic kidney disease (CKD)	Diagnosis	ICD-9-CM
585.3 Chronic kidney disease, Stage III (moderate) Diagnosis ICD-9-CM 585.4 Chronic kidney disease, Stage IV (severe) Diagnosis ICD-9-CM 585.5 Chronic kidney disease, Stage V Diagnosis ICD-9-CM 585.6 End stage renal disease Diagnosis ICD-9-CM 586 Unspecified renal failure Diagnosis ICD-9-CM 587 Unspecified renal sclerosis Diagnosis ICD-9-CM N18.1 Chronic kidney disease, stage 1 Diagnosis ICD-10-CM N18.2 Chronic kidney disease, stage 2 (mild) Diagnosis ICD-10-CM N18.3 Chronic kidney disease, stage 3 (moderate) Diagnosis ICD-10-CM N18.4 Chronic kidney disease, stage 4 (severe) Diagnosis ICD-10-CM N18.5 Chronic kidney disease, stage 4 (severe) Diagnosis ICD-10-CM N18.5 Chronic kidney disease, stage 4 (severe) Diagnosis ICD-10-CM N18.6 End stage renal disease Diagnosis ICD-10-CM N18.5 Chronic kidney disease, stage 3 ICD-10-CM ICD-10-	585.1	Chronic kidney disease, Stage I	Diagnosis	ICD-9-CM
585.4 Chronic kidney disease, Stage IV (severe) Diagnosis ICD-9-CM 585.5 Chronic kidney disease, Stage V Diagnosis ICD-9-CM 585.6 End stage renal disease Diagnosis ICD-9-CM 585.9 Chronic kidney disease, unspecified Diagnosis ICD-9-CM 586 Unspecified renal failure Diagnosis ICD-9-CM 587 Unspecified renal sclerosis Diagnosis ICD-9-CM N18.1 Chronic kidney disease, stage 2 (mild) Diagnosis ICD-10-CM N18.2 Chronic kidney disease, stage 2 (mild) Diagnosis ICD-10-CM N18.3 Chronic kidney disease, stage 4 (severe) Diagnosis ICD-10-CM N18.5 Chronic kidney disease, stage 5 Diagnosis ICD-10-CM N18.5 Chronic kidney disease, stage 5 Diagnosis ICD-10-CM N18.6 End stage renal disease Diagnosis ICD-10-CM N18.9 Chronic kidney disease, stage 4 (severe) Diagnosis ICD-10-CM N18.9 Chronic kidney disease, stage 3 (moderate) Diagnosis ICD-10-CM	585.2	Chronic kidney disease, Stage II (mild)	Diagnosis	ICD-9-CM
585.5 Chronic kidney disease, Stage V Diagnosis ICD-9-CM 585.6 End stage renal disease Diagnosis ICD-9-CM 585.9 Chronic kidney disease, unspecified Diagnosis ICD-9-CM 586 Unspecified renal sclerosis Diagnosis ICD-9-CM 587 Unspecified renal sclerosis Diagnosis ICD-9-CM 587 Unspecified renal sclerosis Diagnosis ICD-10-CM N18.1 Chronic kidney disease, stage 1 Diagnosis ICD-10-CM N18.2 Chronic kidney disease, stage 2 (mild) Diagnosis ICD-10-CM N18.3 Chronic kidney disease, stage 4 (severe) Diagnosis ICD-10-CM N18.5 Chronic kidney disease, unspecified Diagnosis ICD-10-CM N18.9 Chronic kidney disease, unspecified Diagnosis ICD-10-CM N19.9 Unspecified kidney failure Diagnosis ICD-10-CM N26.1 Atrophy of kidney (terminal) Diagnosis ICD-10-CM N26.9 Renal sclerosis, unspecified Diagnosis ICD-10-CM S84.5 </td <td>585.3</td> <td>Chronic kidney disease, Stage III (moderate)</td> <td>Diagnosis</td> <td>ICD-9-CM</td>	585.3	Chronic kidney disease, Stage III (moderate)	Diagnosis	ICD-9-CM
585.6 End stage renal disease Diagnosis ICD-9-CM 585.9 Chronic kidney disease, unspecified Diagnosis ICD-9-CM 586 Unspecified renal failure Diagnosis ICD-9-CM 587 Unspecified renal sclerosis Diagnosis ICD-10-CM N18.1 Chronic kidney disease, stage 2 (mild) Diagnosis ICD-10-CM N18.2 Chronic kidney disease, stage 3 (moderate) Diagnosis ICD-10-CM N18.3 Chronic kidney disease, stage 4 (severe) Diagnosis ICD-10-CM N18.5 Chronic kidney disease, stage 5 Diagnosis ICD-10-CM N18.5 End stage renal disease Diagnosis ICD-10-CM N18.6 End stage renal disease Diagnosis ICD-10-CM N18.9 Chronic kidney disease, stage 5 Diagnosis ICD-10-CM N19 Unspecified kidney failure Diagnosis ICD-10-CM N26.1 Atrophy of kidney (terminal) Diagnosis ICD-10-CM N26.9 Renal sclerosis, unspecified Diagnosis ICD-10-CM S84.6	585.4	Chronic kidney disease, Stage IV (severe)	Diagnosis	ICD-9-CM
585.9 Chronic kidney disease, unspecified Diagnosis ICD-9-CM 586 Unspecified renal failure Diagnosis ICD-9-CM 587 Unspecified renal sclerosis Diagnosis ICD-9-CM N18.1 Chronic kidney disease, stage 1 Diagnosis ICD-10-CM N18.2 Chronic kidney disease, stage 2 (mild) Diagnosis ICD-10-CM N18.3 Chronic kidney disease, stage 3 (moderate) Diagnosis ICD-10-CM N18.4 Chronic kidney disease, stage 4 (severe) Diagnosis ICD-10-CM N18.5 Chronic kidney disease, stage 5 Diagnosis ICD-10-CM N18.6 End stage renal disease Diagnosis ICD-10-CM N18.9 Chronic kidney disease, unspecified Diagnosis ICD-10-CM N19 Unspecified kidney failure Diagnosis ICD-10-CM N26.9 Renal sclerosis, unspecified Diagnosis ICD-10-CM N26.9 Renal sclerosis, unspecified Diagnosis ICD-9-CM S84.5 Acute kidney failure with lesion of renal cortical necrosis Diagnosis ICD-9-CM S84.7 Acute kidney failure with lesion of medullary (papillary) necrosis Diagnosis ICD-9-CM S84.8 Acute kidney failure with acute cortical necrosis Diagnosis	585.5	Chronic kidney disease, Stage V	Diagnosis	ICD-9-CM
586 Unspecified renal failure Diagnosis ICD-9-CM 587 Unspecified renal sclerosis Diagnosis ICD-9-CM N18.1 Chronic kidney disease, stage 1 Diagnosis ICD-10-CM N18.2 Chronic kidney disease, stage 2 (mild) Diagnosis ICD-10-CM N18.3 Chronic kidney disease, stage 3 (moderate) Diagnosis ICD-10-CM N18.5 Chronic kidney disease, stage 4 (severe) Diagnosis ICD-10-CM N18.6 End stage renal disease Diagnosis ICD-10-CM N18.9 Chronic kidney disease, unspecified Diagnosis ICD-10-CM N19 Unspecified kidney failure Diagnosis ICD-10-CM N26.1 Atrophy of kidney (terminal) Diagnosis ICD-10-CM N26.2 Renal sclerosis, unspecified Diagnosis ICD-10-CM S84.5 Acute kidney failure with lesion of tubular necrosis Diagnosis ICD-9-CM S84.5 Acute kidney failure with lesion of medullary [papillary] necrosis Diagnosis ICD-9-CM S84.6 Acute kidney failure with acute cortical necrosis	585.6	End stage renal disease	Diagnosis	ICD-9-CM
587 Unspecified renal sclerosis CD-9-CM N18.1 Chronic kidney disease, stage 1 Diagnosis ICD-10-CM N18.2 Chronic kidney disease, stage 2 (mild) Diagnosis ICD-10-CM N18.3 Chronic kidney disease, stage 3 (moderate) Diagnosis ICD-10-CM N18.4 Chronic kidney disease, stage 4 (severe) Diagnosis ICD-10-CM N18.5 Chronic kidney disease, stage 5 Diagnosis ICD-10-CM N18.6 End stage renal disease Diagnosis ICD-10-CM N18.9 Chronic kidney disease, unspecified Diagnosis ICD-10-CM N19.9 Unspecified kidney failure Diagnosis ICD-10-CM N26.1 Atrophy of kidney (terminal) Diagnosis ICD-10-CM N26.2 Renal sclerosis, unspecified Diagnosis ICD-10-CM S84.5 Acute kidney failure Kidney failure - Acute ICD-9-CM S84.5 Acute kidney failure with lesion of tubular necrosis Diagnosis ICD-9-CM S84.6 Acute kidney failure with lesion of medullary (papillary) necrosis Diagnosis ICD-9-	585.9	Chronic kidney disease, unspecified	Diagnosis	ICD-9-CM
N18.1 Chronic kidney disease, stage 1 (mild) Diagnosis ICD-10-CM N18.2 Chronic kidney disease, stage 2 (mild) Diagnosis ICD-10-CM N18.3 Chronic kidney disease, stage 3 (moderate) Diagnosis ICD-10-CM N18.4 Chronic kidney disease, stage 4 (severe) Diagnosis ICD-10-CM N18.5 Chronic kidney disease, stage 5 Diagnosis ICD-10-CM N18.9 Chronic kidney disease, unspecified Diagnosis ICD-10-CM N19.9 Unspecified kidney failure Diagnosis ICD-10-CM N26.1 Atrophy of kidney (terminal) Diagnosis ICD-10-CM N26.2 Atrophy of kidney (terminal) Diagnosis ICD-10-CM N26.3 Atrophy of kidney (terminal) Diagnosis ICD-10-CM N26.4 Atrophy of kidney (terminal) Diagnosis ICD-10-CM N26.5 Acute kidney failure with lesion of tubular necrosis Diagnosis ICD-9-CM S84.5 Acute kidney failure with lesion of renal cortical necrosis Diagnosis ICD-9-CM S84.6 Acute kidney failure with necrosis	586	Unspecified renal failure	Diagnosis	ICD-9-CM
N18.2 Chronic kidney disease, stage 2 (mild) Diagnosis ICD-10-CM N18.3 Chronic kidney disease, stage 3 (moderate) Diagnosis ICD-10-CM N18.4 Chronic kidney disease, stage 4 (severe) Diagnosis ICD-10-CM N18.5 Chronic kidney disease, stage 5 Diagnosis ICD-10-CM N18.6 End stage renal disease Diagnosis ICD-10-CM N18.9 Chronic kidney disease, unspecified Diagnosis ICD-10-CM N19 Unspecified kidney failure Diagnosis ICD-10-CM N26.1 Atrophy of kidney (terminal) Diagnosis ICD-10-CM N26.9 Renal sclerosis, unspecified Diagnosis ICD-10-CM S84.6 Acute kidney failure with lesion of tubular necrosis Diagnosis ICD-9-CM S84.7 Acute kidney failure with lesion of medullary [papillary] necrosis Diagnosis ICD-9-CM S84.8 Acute kidney failure with extrespecified pathological lesion in kidney Diagnosis ICD-9-CM S84.9 Acute kidney failure with cubular necrosis Diagnosis ICD-9-CM N17.0 Acute kidney failure with cubular necrosis Diagnosis ICD-10-CM	587	Unspecified renal sclerosis	Diagnosis	ICD-9-CM
N18.3 Chronic kidney disease, stage 3 (moderate) Diagnosis ICD-10-CM N18.4 Chronic kidney disease, stage 4 (severe) Diagnosis ICD-10-CM N18.5 Chronic kidney disease, stage 5 Diagnosis ICD-10-CM N18.6 End stage renal disease Diagnosis ICD-10-CM N18.9 Chronic kidney disease, unspecified Diagnosis ICD-10-CM N18.9 Chronic kidney disease, unspecified Diagnosis ICD-10-CM N18.9 Unspecified kidney failure Diagnosis ICD-10-CM Diagnosis ICD-9-CM Diagnosis ICD-10-CM Diagnosis ICD-9-CM Diagnosis	N18.1	Chronic kidney disease, stage 1	Diagnosis	ICD-10-CM
N18.4 Chronic kidney disease, stage 4 (severe) Diagnosis ICD-10-CM N18.5 Chronic kidney disease, stage 5 Diagnosis ICD-10-CM N18.6 End stage renal disease Diagnosis ICD-10-CM N18.9 Chronic kidney disease, unspecified Diagnosis ICD-10-CM N19 Unspecified kidney failure Diagnosis ICD-10-CM N26.1 Atrophy of kidney (terminal) Diagnosis ICD-10-CM N26.9 Renal sclerosis, unspecified Diagnosis ICD-10-CM Kidney failure - Acute Esteva Lidney failure with lesion of tubular necrosis Diagnosis ICD-9-CM S84.5 Acute kidney failure with lesion of renal cortical necrosis Diagnosis ICD-9-CM S84.6 Acute kidney failure with lesion of medullary [papillary] necrosis Diagnosis ICD-9-CM S84.8 Acute kidney failure with other specified pathological lesion in kidney Diagnosis ICD-9-CM S84.9 Acute kidney failure with acute cortical necrosis Diagnosis ICD-9-CM N17.0 Acute kidney failure with neculary [papillary] necrosis Diagnosis ICD-10-CM N17.1 <th< td=""><td>N18.2</td><td>Chronic kidney disease, stage 2 (mild)</td><td>Diagnosis</td><td>ICD-10-CM</td></th<>	N18.2	Chronic kidney disease, stage 2 (mild)	Diagnosis	ICD-10-CM
N18.5Chronic kidney disease, stage 5DiagnosisICD-10-CMN18.6End stage renal diseaseDiagnosisICD-10-CMN18.9Chronic kidney disease, unspecifiedDiagnosisICD-10-CMN19Unspecified kidney failureDiagnosisICD-10-CMN26.1Atrophy of kidney (terminal)DiagnosisICD-10-CMN26.9Renal sclerosis, unspecifiedDiagnosisICD-10-CM***********************************	N18.3	Chronic kidney disease, stage 3 (moderate)	Diagnosis	ICD-10-CM
N18.6 End stage renal disease Diagnosis ICD-10-CM N18.9 Chronic kidney disease, unspecified Diagnosis ICD-10-CM N19 Unspecified kidney failure Diagnosis ICD-10-CM N26.1 Atrophy of kidney (terminal) Diagnosis ICD-10-CM Kidney failure - Acute Sea Acute kidney failure with lesion of tubular necrosis Diagnosis ICD-9-CM 584.5 Acute kidney failure with lesion of renal cortical necrosis Diagnosis ICD-9-CM 584.6 Acute kidney failure with lesion of medullary [papillary] necrosis Diagnosis ICD-9-CM 584.8 Acute kidney failure with other specified pathological lesion in kidney Diagnosis ICD-9-CM 584.8 Acute kidney failure with unspecified pathological lesion in kidney Diagnosis ICD-9-CM 584.9 Acute kidney failure with acute cortical necrosis Diagnosis ICD-9-CM N17.1 Acute kidney failure with medullary necrosis Diagnosis ICD-10-CM N17.2 Acute kidney failure with medullary necrosis Diagnosis ICD-10-CM N17.3 Other acute kidney failure Diagnosis ICD-10-CM	N18.4	Chronic kidney disease, stage 4 (severe)	Diagnosis	ICD-10-CM
N18.9Chronic kidney disease, unspecifiedDiagnosisICD-10-CMN19Unspecified kidney failureDiagnosisICD-10-CMN26.1Atrophy of kidney (terminal)DiagnosisICD-10-CMN26.9Renal sclerosis, unspecifiedDiagnosisICD-10-CMEvaluation of terminal properties of the proper	N18.5	Chronic kidney disease, stage 5	Diagnosis	ICD-10-CM
N19Unspecified kidney failureDiagnosisICD-10-CMN26.1Atrophy of kidney (terminal)DiagnosisICD-10-CMN26.9Renal sclerosis, unspecifiedDiagnosisICD-10-CMKidney failure - AcuteS84Acute kidney failureDiagnosisICD-9-CM584.5Acute kidney failure with lesion of tubular necrosisDiagnosisICD-9-CM584.6Acute kidney failure with lesion of renal cortical necrosisDiagnosisICD-9-CM584.7Acute kidney failure with other specified pathological lesion in kidneyDiagnosisICD-9-CM584.8Acute kidney failure with other specified pathological lesion in kidneyDiagnosisICD-9-CMN17.0Acute kidney failure with tubular necrosisDiagnosisICD-9-CMN17.1Acute kidney failure with acute cortical necrosisDiagnosisICD-10-CMN17.2Acute kidney failure with acute cortical necrosisDiagnosisICD-10-CMN17.2Acute kidney failure with medullary necrosisDiagnosisICD-10-CMN17.9Acute kidney failure, unspecifiedDiagnosisICD-10-CMN17.9Acute kidney failure, unspecifiedDiagnosisICD-10-CMN17.9Acute kidney failure, unspecifiedDiagnosisICD-9-CMN278.0Overweight and obesityDiagnosisICD-9-CM278.01Morbid obesityDiagnosisICD-9-CM278.02OverweightDiagnosisICD-9-CM278.01Morbid obesityDiagnosisICD-9-CM	N18.6	End stage renal disease	Diagnosis	ICD-10-CM
N26.1 N26.9Atrophy of kidney (terminal) Renal sclerosis, unspecifiedDiagnosis ICD-10-CMKidney failure - Acute584 584.5Acute kidney failure with lesion of tubular necrosis Acute kidney failure with lesion of renal cortical necrosisDiagnosis DiagnosisICD-9-CM584.6 584.7Acute kidney failure with lesion of medullary [papillary] necrosisDiagnosis DiagnosisICD-9-CM584.8 584.8Acute kidney failure with other specified pathological lesion in kidneyDiagnosis DiagnosisICD-9-CM584.9 584.9Acute kidney failure with unspecified N17.0Diagnosis DiagnosisICD-9-CMN17.1 584.9Acute kidney failure with acute cortical necrosisDiagnosis DiagnosisICD-10-CMN17.1 584.9Acute kidney failure with medullary necrosisDiagnosis DiagnosisICD-10-CMN17.1 585.0Acute kidney failure with medullary necrosisDiagnosis DiagnosisICD-10-CMN17.2 586.0Acute kidney failure with medullary necrosisDiagnosis DiagnosisICD-10-CMN17.9 587.0Acute kidney failure, unspecifiedDiagnosis DiagnosisICD-10-CMN17.9 588.0Overweight and obesityDiagnosis DiagnosisICD-9-CM278.00 588.0Overweight DiagnosisICD-9-CM278.01 588.0Morbid obesityDiagnosis DiagnosisICD-9-CM278.02 588.0Overweight DiagnosisICD-9-CM278.01 588.0Diagnosis DiagnosisICD-9-CM278.02 588.0Overweight <b< td=""><td>N18.9</td><td>Chronic kidney disease, unspecified</td><td>Diagnosis</td><td>ICD-10-CM</td></b<>	N18.9	Chronic kidney disease, unspecified	Diagnosis	ICD-10-CM
N26.9Renal sclerosis, unspecifiedKidney failure - Acute584Acute kidney failure with lesion of tubular necrosisDiagnosisICD-9-CM584.5Acute kidney failure with lesion of renal cortical necrosisDiagnosisICD-9-CM584.6Acute kidney failure with lesion of medullary [papillary] necrosisDiagnosisICD-9-CM584.8Acute kidney failure with other specified pathological lesion in kidneyDiagnosisICD-9-CM584.9Acute kidney failure, unspecifiedDiagnosisICD-9-CMN17.0Acute kidney failure with tubular necrosisDiagnosisICD-10-CMN17.1Acute kidney failure with acute cortical necrosisDiagnosisICD-10-CMN17.2Acute kidney failure with medullary necrosisDiagnosisICD-10-CMN17.2Acute kidney failure with medullary necrosisDiagnosisICD-10-CMN17.8Other acute kidney failureDiagnosisICD-10-CMN17.9Acute kidney failure, unspecifiedDiagnosisICD-10-CMN17.9Acute kidney failure, unspecifiedDiagnosisICD-9-CM278.0Overweight and obesityDiagnosisICD-9-CM278.0Obesity, unspecifiedDiagnosisICD-9-CM278.01Morbid obesityDiagnosisICD-9-CM278.02OverweightDiagnosisICD-9-CM278.01Localized adiposityDiagnosisICD-9-CM278.1Localized adiposityDiagnosisICD-9-CMV8530Body Mass Index 30.0-30.9, adultDiagnosis<	N19	Unspecified kidney failure	Diagnosis	ICD-10-CM
Kidney failure - Acute 584	N26.1	Atrophy of kidney (terminal)	Diagnosis	ICD-10-CM
584Acute kidney failureDiagnosisICD-9-CM584.5Acute kidney failure with lesion of tubular necrosisDiagnosisICD-9-CM584.6Acute kidney failure with lesion of renal cortical necrosisDiagnosisICD-9-CM584.7Acute kidney failure with lesion of medullary [papillary] necrosisDiagnosisICD-9-CM584.8Acute kidney failure with other specified pathological lesion in kidneyDiagnosisICD-9-CM584.9Acute kidney failure with other specified pathological lesion in kidneyDiagnosisICD-9-CM584.9Acute kidney failure with ubular necrosisDiagnosisICD-10-CMN17.0Acute kidney failure with acute cortical necrosisDiagnosisICD-10-CMN17.1Acute kidney failure with medullary necrosisDiagnosisICD-10-CMN17.2Acute kidney failure with medullary necrosisDiagnosisICD-10-CMN17.9Acute kidney failure, unspecifiedDiagnosisICD-10-CMN17.9Acute kidney failure, unspecifiedDiagnosisICD-9-CM278.0Overweight and obesityDiagnosisICD-9-CM278.00Obesity, unspecifiedDiagnosisICD-9-CM278.01Morbid obesityDiagnosisICD-9-CM278.02OverweightDiagnosisICD-9-CM278.1Localized adiposityDiagnosisICD-9-CMV4586Bariatric surgery statusDiagnosisICD-9-CMV8530Body Mass Index 30.0-30.9, adultDiagnosisICD-9-CMV8531Body Mass Ind	N26.9	Renal sclerosis, unspecified	Diagnosis	ICD-10-CM
584.5Acute kidney failure with lesion of tubular necrosisDiagnosisICD-9-CM584.6Acute kidney failure with lesion of renal cortical necrosisDiagnosisICD-9-CM584.7Acute kidney failure with lesion of medullary [papillary] necrosisDiagnosisICD-9-CM584.8Acute kidney failure with other specified pathological lesion in kidneyDiagnosisICD-9-CM584.9Acute kidney failure, unspecifiedDiagnosisICD-9-CMN17.0Acute kidney failure with tubular necrosisDiagnosisICD-10-CMN17.1Acute kidney failure with medullary necrosisDiagnosisICD-10-CMN17.2Acute kidney failure with medullary necrosisDiagnosisICD-10-CMN17.8Other acute kidney failureDiagnosisICD-10-CMN17.9Acute kidney failure, unspecifiedDiagnosisICD-10-CMN17.9Acute kidney failure, unspecifiedDiagnosisICD-9-CMN278.0Overweight and obesityDiagnosisICD-9-CM278.0.0Obesity, unspecifiedDiagnosisICD-9-CM278.0.1Morbid obesityDiagnosisICD-9-CM278.0.2OverweightDiagnosisICD-9-CM278.1Localized adiposityDiagnosisICD-9-CMV4586Bariatric surgery statusDiagnosisICD-9-CMV853Body Mass Index between 30-39, adultDiagnosisICD-9-CMV8530Body Mass Index 30.0-30.9, adultDiagnosisICD-9-CMV8531Body Mass Index 31.0-31.9, adultDiagnosis </th <th></th> <th>·</th> <th></th> <th></th>		·		
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278.0Overweight and obesityDiagnosisICD-9-CM278.00Obesity, unspecifiedDiagnosisICD-9-CM278.01Morbid obesityDiagnosisICD-9-CM278.02OverweightDiagnosisICD-9-CM278.1Localized adiposityDiagnosisICD-9-CMV4586Bariatric surgery statusDiagnosisICD-9-CMV853Body Mass Index between 30-39, adultDiagnosisICD-9-CMV8530Body Mass Index 30.0-30.9, adultDiagnosisICD-9-CMV8531Body Mass Index 31.0-31.9, adultDiagnosisICD-9-CM	N17.9		Diagnosis	ICD-10-CM
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V8531 Body Mass Index 31.0-31.9, adult Diagnosis ICD-9-CM		·	•	
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V/9E33 Body Mass Inday 33 0 33 0 adult		•	Diagnosis	ICD-9-CM
vodde bouy ivides index 32.0-32.9, adult Diagnosis ICD-9-CM	V8532	Body Mass Index 32.0-32.9, adult	Diagnosis	ICD-9-CM

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		Code	
Code	Description	Category	Code Type
V8533	Body Mass Index 33.0-33.9, adult	Diagnosis	ICD-9-CM
V8534	Body Mass Index 34.0-34.9, adult	Diagnosis	ICD-9-CM
V8535	Body Mass Index 35.0-35.9, adult	Diagnosis	ICD-9-CM
V8536	Body Mass Index 36.0-36.9, adult	Diagnosis	ICD-9-CM
V8537	Body Mass Index 37.0-37.9, adult	Diagnosis	ICD-9-CM
V8538	Body Mass Index 38.0-38.9, adult	Diagnosis	ICD-9-CM
V8539	Body Mass Index 39.0-39.9, adult	Diagnosis	ICD-9-CM
V854	Body Mass Index 40 and over, adult	Diagnosis	ICD-9-CM
44.31	High gastric bypass	Procedure	ICD-9-CM
44.68	Laparoscopic gastroplasty	Procedure	ICD-9-CM
44.95	Laparoscopic gastric restrictive procedure	Procedure	ICD-10-CM
E65	Localized adiposity	Diagnosis	ICD-10-CM
E66.01	Morbid (severe) obesity due to excess calories	Diagnosis	ICD-10-CM
E66.09	Other obesity due to excess calories	Diagnosis	ICD-10-CM
E66.1	Drug-induced obesity	Diagnosis	ICD-10-CM
E66.3	Overweight	Diagnosis	ICD-10-CM
E66.8	Other obesity	Diagnosis	ICD-10-CM
E66.9	Obesity, unspecified	Diagnosis	ICD-10-CM
Z68.30	Body mass index (BMI) 30.0-30.9, adult	Diagnosis	ICD-10-CM
Z68.31	Body mass index (BMI) 31.0-31.9, adult	Diagnosis	ICD-10-CM
Z68.32	Body mass index (BMI) 32.0-32.9, adult	Diagnosis	ICD-10-CM
Z68.33	Body mass index (BMI) 33.0-33.9, adult	Diagnosis	ICD-10-CM
Z68.34	Body mass index (BMI) 34.0-34.9, adult	Diagnosis	ICD-10-CM
Z68.35	Body mass index (BMI) 35.0-35.9, adult	Diagnosis	ICD-10-CM
Z68.36	Body mass index (BMI) 36.0-36.9, adult	Diagnosis	ICD-10-CM
Z68.37	Body mass index (BMI) 37.0-37.9, adult	Diagnosis	ICD-10-CM
Z68.38	Body mass index (BMI) 38.0-38.9, adult	Diagnosis	ICD-10-CM
Z68.39	Body mass index (BMI) 39.0-39.9, adult	Diagnosis	ICD-10-CM
Z98.84	Bariatric surgery status	Diagnosis	ICD-10-CM
0D1607A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160JA	Bypass Stomach to Jejunum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D160KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160ZA	Bypass Stomach to Jejunum, Open Approach	Procedure	ICD-10-PCS
0D1687A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial	Procedure	ICD-10-PCS
0D168JA	Opening Endoscopic Bypass Stomach to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0220071	Endoscopic		.02 20 . 00
0D168KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial	Procedure	ICD-10-PCS
0D168ZA	Opening Endoscopic Bypass Stomach to Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQ64ZZ	Repair Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DV64CZ	Restriction of Stomach with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
	Peptic ulcer disease		

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to belille b	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
531.0	Acute gastric ulcer with hemorrhage	Diagnosis	ICD-9-CM
531.00	Acute gastric ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
531.01	Acute gastric ulcer with hemorrhage and obstruction	Diagnosis	ICD-9-CM
531.1	Acute gastric ulcer with perforation	Diagnosis	ICD-9-CM
531.10	Acute gastric ulcer with perforation, without mention of obstruction	Diagnosis	ICD-9-CM
531.11	Acute gastric ulcer with perforation and obstruction	Diagnosis	ICD-9-CM
531.2	Acute gastric ulcer with hemorrhage and perforation	Diagnosis	ICD-9-CM
531.20	Acute gastric ulcer with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
531.21	Acute gastric ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
531.3	Acute gastric ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
531.30	Acute gastric ulcer without mention of hemorrhage, perforation, or obstruction	Diagnosis	ICD-9-CM
531.31	Acute gastric ulcer without mention of hemorrhage or perforation, with obstruction	Diagnosis	ICD-9-CM
531.4	Chronic or unspecified gastric ulcer with hemorrhage	Diagnosis	ICD-9-CM
531.40	Chronic or unspecified gastric ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
531.41	Chronic or unspecified gastric ulcer with hemorrhage and obstruction	Diagnosis	ICD-9-CM
531.5	Chronic or unspecified gastric ulcer with perforation	Diagnosis	ICD-9-CM
531.50	Chronic or unspecified gastric ulcer with perforation, without mention of obstruction	Diagnosis	ICD-9-CM
531.51	Chronic or unspecified gastric ulcer with perforation and obstruction	Diagnosis	ICD-9-CM
531.6	Chronic or unspecified gastric ulcer with hemorrhage and perforation	Diagnosis	ICD-9-CM
531.60	Chronic or unspecified gastric ulcer with hemorrhage and perforation, without mention of	Diagnosis	ICD-9-CM
F24 C4	obstruction	Diamonia	ICD O CM
531.61	Chronic or unspecified gastric ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
531.7	Chronic gastric ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
531.70	Chronic gastric ulcer without mention of hemorrhage, perforation, without mention of obstruction	Diagnosis	ICD-9-CM
531.71	Chronic gastric ulcer without mention of hemorrhage or perforation, with obstruction	Diagnosis	ICD-9-CM
532.0	Acute duodenal ulcer with hemorrhage	Diagnosis	ICD-9-CM
532.00	Acute duodenal ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
532.01	Acute duodenal ulcer with hemorrhage and obstruction	Diagnosis	ICD-9-CM
532.1	Acute duodenal ulcer with perforation	Diagnosis	ICD-9-CM
532.10	Acute duodenal ulcer with perforation, without mention of obstruction	Diagnosis	ICD-9-CM
532.11	Acute duodenal ulcer with perforation and obstruction	Diagnosis	ICD-9-CM
532.2	Acute duodenal ulcer with hemorrhage and perforation	Diagnosis	ICD-9-CM
532.20	Acute duodenal ulcer with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
532.21	Acute duodenal ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
532.3	Acute duodenal ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
532.30	Acute duodenal ulcer without mention of hemorrhage, perforation, or obstruction	Diagnosis	ICD-9-CM
532.31	Acute duodenal ulcer without mention of hemorrhage or perforation, with obstruction	Diagnosis	ICD-9-CM
532.4	Chronic or unspecified duodenal ulcer with hemorrhage	Diagnosis	ICD-9-CM
532.40	Duodenal ulcer, chronic or unspecified, with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
532.41	Chronic or unspecified duodenal ulcer with hemorrhage and obstruction	Diagnosis	ICD-9-CM
532.5	Chronic or unspecified duodenal ulcer with perforation	Diagnosis	ICD-9-CM
532.50	Chronic or unspecified duodenal ulcer with perforation, without mention of obstruction	Diagnosis	ICD-9-CM

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to Delille E	saseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
532.51	Chronic or unspecified duodenal ulcer with perforation and obstruction	Diagnosis	ICD-9-CM
532.6	Chronic or unspecified duodenal ulcer with hemorrhage and perforation	Diagnosis	ICD-9-CM
532.60	Chronic or unspecified duodenal ulcer with hemorrhage and perforation, without mention	Diagnosis	ICD-9-CM
	of obstruction		
532.61	Chronic or unspecified duodenal ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
532.7	Chronic duodenal ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
532.70	Chronic duodenal ulcer without mention of hemorrhage, perforation, or obstruction	Diagnosis	ICD-9-CM
532.71	Chronic duodenal ulcer without mention of hemorrhage or perforation, with obstruction	Diagnosis	ICD-9-CM
533.0	Acute peptic ulcer, unspecified site, with hemorrhage	Diagnosis	ICD-9-CM
533.00	Acute peptic ulcer, unspecified site, with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
533.01	Acute peptic ulcer, unspecified site, with hemorrhage and obstruction	Diagnosis	ICD-9-CM
533.1	Acute peptic ulcer, unspecified site, with perforation	Diagnosis	ICD-9-CM
533.10	Acute peptic ulcer, unspecified site, with perforation, without mention of obstruction	Diagnosis	ICD-9-CM
533.11	Acute peptic ulcer, unspecified site, with perforation and obstruction	Diagnosis	ICD-9-CM
533.2	Acute peptic ulcer, unspecified site, with hemorrhage and perforation	Diagnosis	ICD-9-CM
533.20	Acute peptic ulcer, unspecified site, with hemorrhage and perforation, without mention of	Diagnosis	ICD-9-CM
	obstruction		
533.21	Acute peptic ulcer, unspecified site, with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
533.3	Acute peptic ulcer, unspecified site, without mention of hemorrhage and perforation	Diagnosis	ICD-9-CM
533.30	Acute peptic ulcer, unspecified site, without mention of hemorrhage, perforation, or	Diagnosis	ICD-9-CM
	obstruction		
533.31	Acute peptic ulcer, unspecified site, without mention of hemorrhage and perforation, with	Diagnosis	ICD-9-CM
	obstruction		
533.4	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage	Diagnosis	ICD-9-CM
533.40	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage, without mention of	Diagnosis	ICD-9-CM
	obstruction		
533.41	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage and obstruction	Diagnosis	ICD-9-CM
533.5	Chronic or unspecified peptic ulcer, unspecified site, with perforation	Diagnosis	ICD-9-CM
533.50	Chronic or unspecified peptic ulcer, unspecified site, with perforation, without mention of	Diagnosis	ICD-9-CM
	obstruction		
533.51	Chronic or unspecified peptic ulcer, unspecified site, with perforation and obstruction	Diagnosis	ICD-9-CM
533.6	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage and perforation	Diagnosis	ICD-9-CM
533.60	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage and perforation,	Diagnosis	ICD-9-CM
	without mention of obstruction		
533.61	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage, perforation, and	Diagnosis	ICD-9-CM
	obstruction		
533.7	Chronic peptic ulcer, unspecified site, without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
533.70	Chronic peptic ulcer, unspecified site, without mention of hemorrhage, perforation, or	Diagnosis	ICD-9-CM
500 74	obstruction		
533.71	Chronic peptic ulcer of unspecified site without mention of hemorrhage or perforation, with	וםagnosis	ICD-9-CM
5346	obstruction	D: :	100.0.00
534.0	Acute gastrojejunal ulcer with hemorrhage	Diagnosis	ICD-9-CM
534.00	Acute gastrojejunal ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM

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to beline b	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
534.01	Acute gastrojejunal ulcer, with hemorrhage and obstruction	Diagnosis	ICD-9-CM
534.1	Acute gastrojejunal ulcer with perforation	Diagnosis	ICD-9-CM
534.10	Acute gastrojejunal ulcer with perforation, without mention of obstruction	Diagnosis	ICD-9-CM
534.11	Acute gastrojejunal ulcer with perforation and obstruction	Diagnosis	ICD-9-CM
534.2	Acute gastrojejunal ulcer with hemorrhage and perforation	Diagnosis	ICD-9-CM
534.20	Acute gastrojejunal ulcer with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
534.21	Acute gastrojejunal ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
534.3	Acute gastrojejunal ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
534.30	Acute gastrojejunal ulcer without mention of hemorrhage, perforation, or obstruction	Diagnosis	ICD-9-CM
534.31	Acute gastrojejunal ulcer without mention of hemorrhage or perforation, with obstruction	Diagnosis	ICD-9-CM
534.4	Chronic or unspecified gastrojejunal ulcer with hemorrhage	Diagnosis	ICD-9-CM
534.40	Chronic or unspecified gastrojejunal ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
534.41	Chronic or unspecified gastrojejunal ulcer, with hemorrhage and obstruction	Diagnosis	ICD-9-CM
534.5	Chronic or unspecified gastrojejunal ulcer with perforation	Diagnosis	ICD-9-CM
534.50	Chronic or unspecified gastrojejunal ulcer with perforation, without mention of obstruction	Diagnosis	ICD-9-CM
534.51	Chronic or unspecified gastrojejunal ulcer with perforation and obstruction	Diagnosis	ICD-9-CM
534.6	Chronic or unspecified gastrojejunal ulcer with hemorrhage and perforation	Diagnosis	ICD-9-CM
534.60	Chronic or unspecified gastrojejunal ulcer with hemorrhage and perforation, without	Diagnosis	ICD-9-CM
	mention of obstruction		
534.61	Chronic or unspecified gastrojejunal ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
534.7	Chronic gastrojejunal ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
534.70	Chronic gastrojejunal ulcer without mention of hemorrhage, perforation, or obstruction	Diagnosis	ICD-9-CM
534.71	Chronic gastrojejunal ulcer without mention of hemorrhage or perforation, with obstruction	Diagnosis	ICD-9-CM
44.4	Control of hemorrhage and suture of ulcer of stomach or duodenum	Diagnosis	ICD-9-CM
44.40	Suture of peptic ulcer, not otherwise specified	Diagnosis	ICD-9-CM
44.41	Suture of gastric ulcer site	Diagnosis	ICD-9-CM
44.42	Suture of duodenal ulcer site	Diagnosis	ICD-9-CM
K25.0	Acute gastric ulcer with hemorrhage	Diagnosis	ICD-10-CM
K25.1	Acute gastric ulcer with perforation	Diagnosis	ICD-10-CM
K25.2	Acute gastric ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K25.3	Acute gastric ulcer without hemorrhage or perforation	Diagnosis	ICD-10-CM
K25.4	Chronic or unspecified gastric ulcer with hemorrhage	Diagnosis	ICD-10-CM
K25.5	Chronic or unspecified gastric ulcer with perforation	Diagnosis	ICD-10-CM
K25.6	Chronic or unspecified gastric ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K25.7	Chronic gastric ulcer without hemorrhage or perforation	Diagnosis	ICD-10-CM
K26.0	Acute duodenal ulcer with hemorrhage	Diagnosis	ICD-10-CM
K26.1	Acute duodenal ulcer with perforation	Diagnosis	ICD-10-CM
K26.2	Acute duodenal ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K26.3	Acute duodenal ulcer without hemorrhage or perforation	Diagnosis	ICD-10-CM
K26.4	Chronic or unspecified duodenal ulcer with hemorrhage	Diagnosis	ICD-10-CM
K26.5	Chronic or unspecified duodenal ulcer with perforation	Diagnosis	ICD-10-CM
K26.6	Chronic or unspecified duodenal ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K26.7	Chronic duodenal ulcer without hemorrhage or perforation	Diagnosis	ICD-10-CM

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to bellie b	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
K27.0	Acute peptic ulcer, site unspecified, with hemorrhage	Diagnosis	ICD-10-CM
K27.1	Acute peptic ulcer, site unspecified, with perforation	Diagnosis	ICD-10-CM
K27.2	Acute peptic ulcer, site unspecified, with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K27.3	Acute peptic ulcer, site unspecified, without hemorrhage or perforation	Diagnosis	ICD-10-CM
K27.4	Chronic or unspecified peptic ulcer, site unspecified, with hemorrhage	Diagnosis	ICD-10-CM
K27.5	Chronic or unspecified peptic ulcer, site unspecified, with perforation	Diagnosis	ICD-10-CM
K27.6	Chronic or unspecified peptic ulcer, site unspecified, with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K27.7	Chronic peptic ulcer, site unspecified, without hemorrhage or perforation	Diagnosis	ICD-10-CM
K28.0	Acute gastrojejunal ulcer with hemorrhage	Diagnosis	ICD-10-CM
K28.1	Acute gastrojejunal ulcer with perforation	Diagnosis	ICD-10-CM
K28.2	Acute gastrojejunal ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K28.3	Acute gastrojejunal ulcer without hemorrhage or perforation	Diagnosis	ICD-10-CM
K28.4	Chronic or unspecified gastrojejunal ulcer with hemorrhage	Diagnosis	ICD-10-CM
K28.5	Chronic or unspecified gastrojejunal ulcer with perforation	Diagnosis	ICD-10-CM
K28.6	Chronic or unspecified gastrojejunal ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K28.7	Chronic gastrojejunal ulcer without hemorrhage or perforation	Diagnosis	ICD-10-CM
K56.699	Other intestinal obstruction unspecified as to partial versus complete obstruction	Diagnosis	ICD-10-CM
0DQ60ZZ	Repair Stomach, Open Approach	Procedure	ICD-10-PCS
0DQ63ZZ	Repair Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DQ64ZZ	Repair Stomach, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
ODQ67ZZ	Repair Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQ68ZZ	Repair Stomach, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DQ90ZZ	Repair Duodenum, Open Approach	Procedure	ICD-10-PCS
0DQ93ZZ	Repair Duodenum, Percutaneous Approach	Procedure	ICD-10-PCS
0DQ94ZZ	Repair Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0DQ97ZZ	Repair Duodenum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DQ98ZZ	Repair Duodenum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
	Acute myocardial infarction		
121.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery	Diagnosis	ICD-10-CM
121.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery	_	ICD-10-CM
121.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall	Diagnosis	ICD-10-CM
121.11	ST elevation (STEMI) myocardial infarction involving right coronary artery	Diagnosis	ICD-10-CM
121.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall	Diagnosis	ICD-10-CM
121.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery	Diagnosis	ICD-10-CM
121.29	ST elevation (STEMI) myocardial infarction involving other sites	Diagnosis	ICD-10-CM
121.3	ST elevation (STEMI) myocardial infarction of unspecified site	Diagnosis	ICD-10-CM
121.4	Non-ST elevation (NSTEMI) myocardial infarction	Diagnosis	ICD-10-CM
121.9	Acute myocardial infarction, unspecified	Diagnosis	ICD-10-CM
I21.A1	Myocardial infarction type 2	Diagnosis	ICD-10-CM
I21.A9	Other myocardial infarction type	Diagnosis	ICD-10-CM
122.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall	Diagnosis	ICD-10-CM
122.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall	Diagnosis	ICD-10-CM
122.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction	Diagnosis	ICD-10-CM

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CodeDescriptionCategoryCode TypeI22.8Subsequent ST elevation (STEMI) myocardial infarction of other sitesDiagnosisICD-10-CMI22.9Subsequent ST elevation (STEMI) myocardial infarction of unspecified siteDiagnosisICD-10-CM410Acute myocardial infarctionDiagnosisICD-9-CM410.0Acute myocardial infarction of anterolateral wallDiagnosisICD-9-CM410.01Acute myocardial infarction of anterolateral wall, initial episode of careDiagnosisICD-9-CM410.02Acute myocardial infarction of anterolateral wall, subsequent episode of careDiagnosisICD-9-CM410.1Acute myocardial infarction of other anterior wallDiagnosisICD-9-CM410.10Acute myocardial infarction of other anterior wall, episode of care unspecifiedDiagnosisICD-9-CM410.11Acute myocardial infarction of other anterior wall, initial episode of care unspecifiedDiagnosisICD-9-CM
Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM Acute myocardial infarction Acute myocardial infarction of anterolateral wall Diagnosis ICD-9-CM Acute myocardial infarction of anterolateral wall, episode of care unspecified Diagnosis ICD-9-CM Acute myocardial infarction of anterolateral wall, initial episode of care Diagnosis ICD-9-CM Acute myocardial infarction of anterolateral wall, subsequent episode of care Diagnosis ICD-9-CM Acute myocardial infarction of other anterior wall Acute myocardial infarction of other anterior wall, episode of care unspecified Diagnosis ICD-9-CM Acute myocardial infarction of other anterior wall, episode of care unspecified Diagnosis ICD-9-CM Diagnosis ICD-9-CM Diagnosis ICD-9-CM
Acute myocardial infarction Acute myocardial infarction of anterolateral wall Acute myocardial infarction of anterolateral wall Acute myocardial infarction of anterolateral wall, episode of care unspecified Diagnosis ICD-9-CM Acute myocardial infarction of anterolateral wall, initial episode of care Diagnosis ICD-9-CM Acute myocardial infarction of anterolateral wall, subsequent episode of care Diagnosis ICD-9-CM Acute myocardial infarction of other anterior wall Acute myocardial infarction of other anterior wall, episode of care unspecified Diagnosis ICD-9-CM Diagnosis ICD-9-CM Diagnosis ICD-9-CM Diagnosis ICD-9-CM
Acute myocardial infarction of anterolateral wall Acute myocardial infarction of anterolateral wall, episode of care unspecified Diagnosis ICD-9-CM Acute myocardial infarction of anterolateral wall, initial episode of care Diagnosis ICD-9-CM Acute myocardial infarction of anterolateral wall, subsequent episode of care Diagnosis ICD-9-CM Acute myocardial infarction of other anterior wall Diagnosis ICD-9-CM Acute myocardial infarction of other anterior wall, episode of care unspecified Diagnosis ICD-9-CM Diagnosis ICD-9-CM Diagnosis ICD-9-CM
Acute myocardial infarction of anterolateral wall, episode of care unspecified Diagnosis ICD-9-CM Acute myocardial infarction of anterolateral wall, initial episode of care Diagnosis ICD-9-CM Acute myocardial infarction of anterolateral wall, subsequent episode of care Diagnosis ICD-9-CM Acute myocardial infarction of other anterior wall Diagnosis ICD-9-CM Acute myocardial infarction of other anterior wall, episode of care unspecified Diagnosis ICD-9-CM Diagnosis ICD-9-CM
410.01Acute myocardial infarction of anterolateral wall, initial episode of careDiagnosisICD-9-CM410.02Acute myocardial infarction of anterolateral wall, subsequent episode of careDiagnosisICD-9-CM410.1Acute myocardial infarction of other anterior wallDiagnosisICD-9-CM410.10Acute myocardial infarction of other anterior wall, episode of care unspecifiedDiagnosisICD-9-CM
410.02Acute myocardial infarction of anterolateral wall, subsequent episode of careDiagnosisICD-9-CM410.1Acute myocardial infarction of other anterior wallDiagnosisICD-9-CM410.10Acute myocardial infarction of other anterior wall, episode of care unspecifiedDiagnosisICD-9-CM
Acute myocardial infarction of other anterior wall Acute myocardial infarction of other anterior wall, episode of care unspecified Diagnosis ICD-9-CM Diagnosis ICD-9-CM
410.10 Acute myocardial infarction of other anterior wall, episode of care unspecified Diagnosis ICD-9-CM
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410.11 Acute myocardial infarction of other anterior wall initial enicode of care.
410.11 Acute myocardial infarction of other anterior wall, initial episode of care Diagnosis ICD-9-CM
410.12 Acute myocardial infarction of other anterior wall, subsequent episode of care Diagnosis ICD-9-CM
410.2 Acute myocardial infarction of inferolateral wall Diagnosis ICD-9-CM
410.20 Acute myocardial infarction of inferolateral wall, episode of care unspecified Diagnosis ICD-9-CM
410.21 Acute myocardial infarction of inferolateral wall, initial episode of care Diagnosis ICD-9-CM
410.22 Acute myocardial infarction of inferolateral wall, subsequent episode of care Diagnosis ICD-9-CM
410.3 Acute myocardial infarction of inferoposterior wall Diagnosis ICD-9-CM
410.30 Acute myocardial infarction of inferoposterior wall, episode of care unspecified Diagnosis ICD-9-CM
410.31 Acute myocardial infarction of inferoposterior wall, initial episode of care Diagnosis ICD-9-CM
410.32 Acute myocardial infarction of inferoposterior wall, subsequent episode of care Diagnosis ICD-9-CM
410.4 Acute myocardial infarction of other inferior wall Diagnosis ICD-9-CM
410.40 Acute myocardial infarction of other inferior wall, episode of care unspecified Diagnosis ICD-9-CM
410.41 Acute myocardial infarction of other inferior wall, initial episode of care Diagnosis ICD-9-CM
410.42 Acute myocardial infarction of other inferior wall, subsequent episode of care Diagnosis ICD-9-CM
410.5 Acute myocardial infarction of other lateral wall Diagnosis ICD-9-CM
410.50 Acute myocardial infarction of other lateral wall, episode of care unspecified Diagnosis ICD-9-CM
410.51 Acute myocardial infarction of other lateral wall, initial episode of care Diagnosis ICD-9-CM
410.52 Acute myocardial infarction of other lateral wall, subsequent episode of care Diagnosis ICD-9-CM
410.6 Acute myocardial infarction, true posterior wall infarction Diagnosis ICD-9-CM
410.60 Acute myocardial infarction, true posterior wall infarction, episode of care unspecified Diagnosis ICD-9-CM
410.61 Acute myocardial infarction, true posterior wall infarction, initial episode of care Diagnosis ICD-9-CM
410.62 Acute myocardial infarction, true posterior wall infarction, subsequent episode of care Diagnosis ICD-9-CM
410.7 Acute myocardial infarction, subendocardial infarction Diagnosis ICD-9-CM
410.70 Acute myocardial infarction, subendocardial infarction, episode of care unspecified Diagnosis ICD-9-CM
410.71 Acute myocardial infarction, subendocardial infarction, initial episode of care Diagnosis ICD-9-CM
410.72 Acute myocardial infarction, subendocardial infarction, subsequent episode of care Diagnosis ICD-9-CM
410.8 Acute myocardial infarction of other specified sites Diagnosis ICD-9-CM
410.80 Acute myocardial infarction of other specified sites, episode of care unspecified Diagnosis ICD-9-CM
410.81 Acute myocardial infarction of other specified sites, initial episode of care Diagnosis ICD-9-CM
410.82 Acute myocardial infarction of other specified sites, subsequent episode of care Diagnosis ICD-9-CM
410.9 Acute myocardial infarction, unspecified site Diagnosis ICD-9-CM
410.90 Acute myocardial infarction, unspecified site, episode of care unspecified Diagnosis ICD-9-CM
410.91 Acute myocardial infarction, unspecified site, initial episode of care Diagnosis ICD-9-CM
410.92 Acute myocardial infarction, unspecified site, subsequent episode of care Diagnosis ICD-9-CM

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to beline b	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
410	Acute myocardial infarction	Diagnosis	ICD-9-CM
410.0	Acute myocardial infarction of anterolateral wall	Diagnosis	ICD-9-CM
410.00	Acute myocardial infarction of anterolateral wall, episode of care unspecified	Diagnosis	ICD-9-CM
410.01	Acute myocardial infarction of anterolateral wall, initial episode of care	Diagnosis	ICD-9-CM
410.02	Acute myocardial infarction of anterolateral wall, subsequent episode of care	Diagnosis	ICD-9-CM
410.1	Acute myocardial infarction of other anterior wall	Diagnosis	ICD-9-CM
410.10	Acute myocardial infarction of other anterior wall, episode of care unspecified	Diagnosis	ICD-9-CM
410.11	Acute myocardial infarction of other anterior wall, initial episode of care	Diagnosis	ICD-9-CM
410.12	Acute myocardial infarction of other anterior wall, subsequent episode of care	Diagnosis	ICD-9-CM
410.2	Acute myocardial infarction of inferolateral wall	Diagnosis	ICD-9-CM
410.20	Acute myocardial infarction of inferolateral wall, episode of care unspecified	Diagnosis	ICD-9-CM
410.21	Acute myocardial infarction of inferolateral wall, initial episode of care	Diagnosis	ICD-9-CM
410.22	Acute myocardial infarction of inferolateral wall, subsequent episode of care	Diagnosis	ICD-9-CM
410.3	Acute myocardial infarction of inferoposterior wall	Diagnosis	ICD-9-CM
410.30	Acute myocardial infarction of inferoposterior wall, episode of care unspecified	Diagnosis	ICD-9-CM
410.31	Acute myocardial infarction of inferoposterior wall, initial episode of care	Diagnosis	ICD-9-CM
410.32	Acute myocardial infarction of inferoposterior wall, subsequent episode of care	Diagnosis	ICD-9-CM
410.4	Acute myocardial infarction of other inferior wall	Diagnosis	ICD-9-CM
410.40	Acute myocardial infarction of other inferior wall, episode of care unspecified	Diagnosis	ICD-9-CM
410.41	Acute myocardial infarction of other inferior wall, initial episode of care	Diagnosis	ICD-9-CM
410.42	Acute myocardial infarction of other inferior wall, subsequent episode of care	Diagnosis	ICD-9-CM
410.5	Acute myocardial infarction of other lateral wall	Diagnosis	ICD-9-CM
410.50	Acute myocardial infarction of other lateral wall, episode of care unspecified	Diagnosis	ICD-9-CM
410.51	Acute myocardial infarction of other lateral wall, initial episode of care	Diagnosis	ICD-9-CM
410.52	Acute myocardial infarction of other lateral wall, subsequent episode of care	Diagnosis	ICD-9-CM
410.6	Acute myocardial infarction, true posterior wall infarction	Diagnosis	ICD-9-CM
410.60	Acute myocardial infarction, true posterior wall infarction, episode of care unspecified	Diagnosis	ICD-9-CM
410.61	Acute myocardial infarction, true posterior wall infarction, initial episode of care	Diagnosis	ICD-9-CM
410.62	Acute myocardial infarction, true posterior wall infarction, subsequent episode of care	Diagnosis	ICD-9-CM
410.7	Acute myocardial infarction, subendocardial infarction	Diagnosis	ICD-9-CM
410.70	Acute myocardial infarction, subendocardial infarction, episode of care unspecified	Diagnosis	ICD-9-CM
410.71	Acute myocardial infarction, subendocardial infarction, initial episode of care	Diagnosis	ICD-9-CM
410.72	Acute myocardial infarction, subendocardial infarction, subsequent episode of care	Diagnosis	ICD-9-CM
410.8	Acute myocardial infarction of other specified sites	Diagnosis	ICD-9-CM
410.80	Acute myocardial infarction of other specified sites, episode of care unspecified	Diagnosis	ICD-9-CM
410.81	Acute myocardial infarction of other specified sites, initial episode of care	Diagnosis	ICD-9-CM
410.82	Acute myocardial infarction of other specified sites, subsequent episode of care	Diagnosis	ICD-9-CM
410.9	Acute myocardial infarction, unspecified site	Diagnosis	ICD-9-CM
410.90	Acute myocardial infarction, unspecified site, episode of care unspecified	Diagnosis	ICD-9-CM
410.91	Acute myocardial infarction, unspecified site, initial episode of care	Diagnosis	ICD-9-CM
410.92	Acute myocardial infarction, unspecified site, subsequent episode of care	Diagnosis	ICD-9-CM
121.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery	Diagnosis	ICD-10-CM
121.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery	Diagnosis	ICD-10-CM

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Code Description Cade Type 121.109 ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall blagnosis (D-10-DCM 121.19) Diagnosis (D-10-DCM 121.19) 121.19 ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall blagnosis (D-10-DCM 121.21) Diagnosis (D-10-DCM 121.22) 121.21 ST elevation (STEMI) myocardial infarction involving other sites (Diagnosis (D-10-DCM 121.23) Diagnosis (D-10-DCM 121.23) 121.23 ST elevation (STEMI) myocardial infarction of unspecified site (D-10-DCM 121.24) Diagnosis (D-10-DCM 121.24) 121.34 ST elevation (STEMI) myocardial infarction of unspecified (D-10-DCM 121.24) Diagnosis (D-10-DCM 121.24) 121.4 Myocardial infarction type 2 Diagnosis (D-10-DCM 121.24) 121.4 Myocardial infarction type 2 Diagnosis (D-10-DCM 121.24) 121.4 Myocardial infarction type 2 Diagnosis (D-10-DCM 121.24) 122.4 Myocardial infarction type 2 Diagnosis (D-10-DCM 121.24) 122.5 Subsequent ST elevation (STEMI) myocardial infarction of inferior wall (Diagnosis (D-10-DCM 121.24) Diagnosis (D-10-DCM 121.24) 122.2 Subsequent ST elevation (STEMI) myocardial infarction of other sites (Diagnosis (D-10-DCM 121.24) Diagnosis (D-10-DCM 121.24)	to beline b	aseline Characteristics in this Request	Code	
IZL-11 ST elevation (STEMI) myocardial infarction involving right coronary artery Diagnosis ICD-10-CM	Code	Description	Category	Code Type
12.1.19 ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall Diagnosis ICD-10-CM	121.109	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall	Diagnosis	ICD-10-CM
121.21 ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery Diagnosis ICD-10-CM 121.29 ST elevation (STEMI) myocardial infarction involving other sites Diagnosis ICD-10-CM 121.4 Non-ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM 121.9 Acute myocardial infarction, unspecified Diagnosis ICD-10-CM 121.1.4 Myocardial infarction type Diagnosis ICD-10-CM 121.2.0 Other myocardial infarction type Diagnosis ICD-10-CM 122.1. Subsequent ST elevation (STEMI) myocardial infarction of inferior wall Diagnosis ICD-10-CM 122.2. Subsequent ST elevation (STEMI) myocardial infarction of inferior wall Diagnosis ICD-10-CM 122.2. Subsequent ST elevation (STEMI) myocardial infarction of other sites Diagnosis ICD-10-CM 122.2. Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-9-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of unspecified si	121.11	ST elevation (STEMI) myocardial infarction involving right coronary artery	Diagnosis	ICD-10-CM
121.29 ST elevation (STEMI) myocardial infarction involving other sites Diagnosis ICD-10-CM 121.3 ST elevation (TSTEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM 121.4 Non-ST elevation (NSTEMI) myocardial infarction Diagnosis ICD-10-CM 121.9 Acute myocardial infarction, unspecified Diagnosis ICD-10-CM 121.A0 Other myocardial infarction type Diagnosis ICD-10-CM 122.0 Subsequent ST elevation (STEMI) myocardial infarction of anterior wall Diagnosis ICD-10-CM 122.1 Subsequent ST elevation (STEMI) myocardial infarction Diagnosis ICD-10-CM 122.2 Subsequent ST elevation (STEMI) myocardial infarction of other sites Diagnosis ICD-10-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of other sites Diagnosis ICD-10-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of other sites Diagnosis ICD-10-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of other sites Diagnosis ICD-10-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of other sites Diagnosis	121.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall	Diagnosis	ICD-10-CM
121.3 ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM 121.4 Non-ST elevation (NSTEMI) myocardial infarction Diagnosis ICD-10-CM 121.9 Acute myocardial infarction, unspecified Diagnosis ICD-10-CM 121.A1 Myocardial infarction type 2 Diagnosis ICD-10-CM 121.A2 Other myocardial infarction type Diagnosis ICD-10-CM 122.0 Subsequent ST elevation (STEMI) myocardial infarction of inferior wall Diagnosis ICD-10-CM 122.1 Subsequent ST elevation (STEMI) myocardial infarction of other sites Diagnosis ICD-10-CM 122.2 Subsequent ST elevation (STEMI) myocardial infarction of other sites Diagnosis ICD-10-CM 122.2 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM 122.2 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM 122.8 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM 122.8 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM 128.1 Postprocedura	121.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery	Diagnosis	ICD-10-CM
121.4Non-ST elevation (NSTEMI) myocardial infarctionDiagnosisICD-10-CM121.9Acute myocardial infarction, unspecifiedDiagnosisICD-10-CM121.A1Myocardial infarction typeDiagnosisICD-10-CM121.A9Other myocardial infarction typeDiagnosisICD-10-CM122.0Subsequent ST elevation (STEMI) myocardial infarction of anterior wallDiagnosisICD-10-CM122.1Subsequent ST elevation (STEMI) myocardial infarction of inferior wallDiagnosisICD-10-CM122.2Subsequent ST elevation (STEMI) myocardial infarction of other sitesDiagnosisICD-10-CM122.8Subsequent ST elevation (STEMI) myocardial infarction of unspecified siteDiagnosisICD-10-CM122.9Subsequent ST elevation (STEMI) myocardial infarction of unspecified siteDiagnosisICD-9-CM122.9Postprocedural aortocoronary bypass statusDiagnosisICD-9-CM122.9Postprocedural percutaneous transluminal coronary angioplasty statusDiagnosisICD-9-CM122.9Status post administration of tPA (rtPA) in a different facility within the last 24 hours prior to DiagnosisICD-9-CM122.9Subsequent ST elevation of tPA (rtPA) in a different facility within the last 24 hours prior to DiagnosisICD-9-CM122.9Status post administration of tPA (rtPA) in a different facility within the last 24 hours prior to DiagnosisICD-9-CM122.9Removal of coronary artery obstruction and insertion of stent(s)ProcedureICD-9-CM122.0Insertion of non-drug-eluting coronary artery stent(s) <t< td=""><td>121.29</td><td>ST elevation (STEMI) myocardial infarction involving other sites</td><td>Diagnosis</td><td>ICD-10-CM</td></t<>	121.29	ST elevation (STEMI) myocardial infarction involving other sites	Diagnosis	ICD-10-CM
121.9 Acute myocardial infarction, unspecified Diagnosis ICD-10-CM 121.A4 Myocardial infarction type 2 Diagnosis ICD-10-CM 121.A9 Other myocardial infarction type Diagnosis ICD-10-CM 122.0 Subsequent ST elevation (STEMI) myocardial infarction of inferior wall Diagnosis ICD-10-CM 122.1 Subsequent no-ST elevation (NSTEMI) myocardial infarction of inferior wall Diagnosis ICD-10-CM 122.2 Subsequent no-ST elevation (NSTEMI) myocardial infarction of other sites Diagnosis ICD-10-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM V4581 Postprocedural aortocoronary bypass status Diagnosis ICD-9-CM V4582 Postprocedural aortocoronary status Diagnosis ICD-9-CM V4583 Status post administration of tPA (rtPA) in a different facility within the last 24 hours prior to Diagnosis ICD-9-CM V4584 Postprocedural aortocoronary artery ostruction and insertion of stent(s) Procedure ICD-9-CM 36.0 Removal of coronary ar	121.3	ST elevation (STEMI) myocardial infarction of unspecified site	Diagnosis	ICD-10-CM
121.A1 Myocardial infarction type 2 Diagnosis ICD-10-CM 121.A9 Other myocardial infarction type Diagnosis ICD-10-CM 122.0 Subsequent ST elevation (STEMI) myocardial infarction of anterior wall Diagnosis ICD-10-CM 122.1 Subsequent ST elevation (STEMI) myocardial infarction of inferior wall Diagnosis ICD-10-CM 122.2 Subsequent ST elevation (NEMI) myocardial infarction of other sites Diagnosis ICD-10-CM 122.8 Subsequent ST elevation (STEMI) myocardial infarction of other sites Diagnosis ICD-10-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-9-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-9-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-9-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-9-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-9-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-9-CM 122.9 Subsequent STEMI Subs	121.4	Non-ST elevation (NSTEMI) myocardial infarction	Diagnosis	ICD-10-CM
121.A9 Other myocardial infarction type Diagnosis ICD-10-CM 122.0 Subsequent ST elevation (STEMI) myocardial infarction of inferior wall Diagnosis ICD-10-CM 122.1 Subsequent ST elevation (STEMI) myocardial infarction of inferior wall Diagnosis ICD-10-CM 122.2 Subsequent ST elevation (STEMI) myocardial infarction of other sites Diagnosis ICD-10-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM 122.9 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM 122.8 Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM 125.8 Status post administration ICD-10-CM ICD-9-CM ICD-9-CM 145.8 Percutaneous fra	121.9	Acute myocardial infarction, unspecified	Diagnosis	ICD-10-CM
122.0Subsequent ST elevation (STEMI) myocardial infarction of anterior wallDiagnosisICD-10-CM122.1Subsequent ST elevation (STEMI) myocardial infarction of inferior wallDiagnosisICD-10-CM122.2Subsequent ST elevation (NSTEMI) myocardial infarctionDiagnosisICD-10-CM122.8Subsequent ST elevation (STEMI) myocardial infarction of other sitesDiagnosisICD-10-CM122.9Subsequent ST elevation (STEMI) myocardial infarction of unspecified siteDiagnosisICD-10-CMCoronary revascularizationV4581Postprocedural aortocoronary bypass statusDiagnosisICD-9-CMV4582Postprocedural percutaneous transluminal coronary angioplasty statusDiagnosisICD-9-CMV4583Status post administration of tPA (rtPA) in a different facility within the last 24 hours prior to admission to current facilityICD-9-CM00.66Percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomyProcedureICD-9-CM36.0Removal of coronary artery obstruction and insertion of stent(s)ProcedureICD-9-CM36.04Intracoronary artery thrombolytic infusionProcedureICD-9-CM36.05Insertion of non-drug-eluting coronary artery stent(s)ProcedureICD-9-CM36.09Other removal of coronary artery obstructionProcedureICD-9-CM36.10Aortocoronary bypass of neart revascularizationProcedureICD-9-CM36.11Ayatocoronary bypass of one coronary arteryProcedureICD-9-CM36.12(Aorto)coronary bypass of	I21.A1	Myocardial infarction type 2	Diagnosis	ICD-10-CM
122.1 Subsequent ST elevation (STEMI) myocardial infarction of inferior wall Diagnosis ICD-10-CM 122.2 Subsequent non-ST elevation (NSTEMI) myocardial infarction of other sites Diagnosis ICD-10-CM 122.8 Subsequent ST elevation (STEMI) myocardial infarction of other sites Diagnosis ICD-10-CM Coronary revascularization V4581 Postprocedural aortocoronary bypass status Diagnosis ICD-9-CM V4582 Postprocedural percutaneous transluminal coronary angioplasty status Diagnosis ICD-9-CM V4588 Status post administration of tPA (rtPA) in a different facility within the last 24 hours prior to Diagnosis ICD-9-CM Output Procedure ICD-9-CM 36.0 Removal of coronary artery obstruction and insertion of stent(s) Procedure ICD-9-CM 36.0 Removal of coronary artery obstruction and insertion of stent(s) Procedure ICD-9-CM 36.0 Insertion of non-drug-eluting coronary artery stent(s) Procedure ICD-9-CM 36.0 Insertion of ordug-eluting coronary artery stent(s) Procedure ICD-9-CM 36.1 Bypass anastomosis for heart revascularization Procedure ICD-9-CM <	I21.A9	Other myocardial infarction type	Diagnosis	ICD-10-CM
122.2Subsequent non-ST elevation (NSTEMI) myocardial infarction of other sitesDiagnosisICD-10-CM122.8Subsequent ST elevation (STEMI) myocardial infarction of other sitesDiagnosisICD-10-CM122.9Subsequent ST elevation (STEMI) myocardial infarction of other sitesDiagnosisICD-10-CMCoronary revascularizationV4581Postprocedural aortocoronary bypass statusDiagnosisICD-9-CMV4582Postprocedural percutaneous transluminal coronary angioplasty statusDiagnosisICD-9-CMV4588Status post administration of tPA (rtPA) in a different facility within the last 24 hours prior to administration of tPA (rtPA) in a different facility within the last 24 hours prior to administration of tPA (rtPA) in a different facility within the last 24 hours prior to DiagnosisICD-9-CM00.66Percutaneous transluminal coronary angioplasty (PTCA) or coronary atherectomyProcedureICD-9-CM36.03Open chest coronary artery obstruction and insertion of stent(s)ProcedureICD-9-CM36.04Intracoronary artery trombolytic infusionProcedureICD-9-CM36.05Insertion of non-drug-eluting coronary artery stent(s)ProcedureICD-9-CM36.07Insertion of drug-eluting coronary artery stent(s)ProcedureICD-9-CM36.10Aortocoronary bypass for heart revascularizationProcedureICD-9-CM36.11(Aorto)coronary bypass of heart revascularization, not otherwise specifiedProcedureICD-9-CM36.12(Aorto)coronary bypass of three coronary arteriesProcedureICD-9-CM<	122.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall	Diagnosis	ICD-10-CM
122.8Subsequent ST elevation (STEMI) myocardial infarction of other sitesDiagnosisICD-10-CMCoronary revascularizationV4581Postprocedural aortocoronary bypass statusDiagnosisICD-9-CMV4582Postprocedural percutaneous transluminal coronary angioplasty statusDiagnosisICD-9-CMV4588Status post administration of tPA (rtPA) in a different facility within the last 24 hours prior to admission to current facilityDiagnosisICD-9-CM0.066Percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomyProcedureICD-9-CM36.0Removal of coronary artery obstruction and insertion of stent(s)ProcedureICD-9-CM36.03Open chest coronary artery angioplastyProcedureICD-9-CM36.04Intracoronary artery thrombolytic infusionProcedureICD-9-CM36.05Insertion of non-drug-eluting coronary artery stent(s)ProcedureICD-9-CM36.07Insertion of drug-eluting coronary artery stent(s)ProcedureICD-9-CM36.10A procedure procedureICD-9-CM36.11A procedure procedureICD-9-CM36.12A procedure procedureICD-9-CM36.13A procedure procedureICD-9-CM36.14(Aorto)coronary bypass of three coronary arteriesProcedureICD-9-CM36.12(Aorto)coronary bypass of four or more coronary arteriesProcedureICD-9-CM36.15Single internal mammary-coronary artery bypassProcedureICD-9-CM36.16Double internal mammary-cor	122.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall	Diagnosis	ICD-10-CM
Subsequent ST elevation (STEMI) myocardial infarction of unspecified site Diagnosis ICD-10-CM	122.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction	Diagnosis	ICD-10-CM
V4581 Postprocedural aortocoronary bypass status V4582 Postprocedural percutaneous transluminal coronary angioplasty status V4588 Status post administration of tPA (rtPA) in a different facility within the last 24 hours prior to Diagnosis ICD-9-CM V4588 Status post administration of tPA (rtPA) in a different facility within the last 24 hours prior to Diagnosis ICD-9-CM admission to current facility 00.66 Percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy Procedure ICD-9-CM 36.0 Removal of coronary artery obstruction and insertion of stent(s) Procedure ICD-9-CM 36.03 Open chest coronary artery angioplasty Procedure ICD-9-CM 36.04 Intracoronary artery thrombolytic infusion Procedure ICD-9-CM 36.05 Insertion of non-drug-eluting coronary artery stent(s) Procedure ICD-9-CM 36.07 Insertion of drug-eluting coronary artery stent(s) Procedure ICD-9-CM 36.09 Other removal of coronary artery obstruction Procedure ICD-9-CM 36.10 Aortocoronary bypass of heart revascularization, not otherwise specified Procedure ICD-9-CM 36.11 (Aorto)coronary bypass of one coronary artery 36.12 (Aorto)coronary bypass of two coronary arteries Procedure ICD-9-CM 36.13 (Aorto)coronary bypass of two coronary arteries Procedure ICD-9-CM 36.14 (Aorto)coronary bypass of three coronary arteries Procedure ICD-9-CM 36.15 Single internal mammary-coronary artery bypass Procedure ICD-9-CM 36.16 Double internal mammary-coronary artery bypass Procedure ICD-9-CM 36.17 Abdominal-coronary artery bypass Procedure ICD-9-CM 36.19 Other bypass anastomosis for heart revascularization Procedure ICD-9-CM 36.2 Heart revascularization by arterial implant Procedure ICD-9-CM 36.3 Other heart revascularization Procedure ICD-9-CM 36.3 Other heart revascularization Procedure ICD-9-CM 36.3 Other transmyocardial revascularization Procedure ICD-9-CM 36.3 Other transmyocardial revascularization Procedure ICD-9-CM	122.8	Subsequent ST elevation (STEMI) myocardial infarction of other sites	Diagnosis	ICD-10-CM
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V4582Postprocedural percutaneous transluminal coronary angioplasty statusDiagnosisICD-9-CMV4588Status post administration of tPA (rtPA) in a different facility within the last 24 hours prior to admission to current facilityDiagnosisICD-9-CM00.66Percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomyProcedureICD-9-CM36.0Removal of coronary artery obstruction and insertion of stent(s)ProcedureICD-9-CM36.03Open chest coronary artery angioplastyProcedureICD-9-CM36.04Intracoronary artery thrombolytic infusionProcedureICD-9-CM36.06Insertion of non-drug-eluting coronary artery stent(s)ProcedureICD-9-CM36.07Insertion of drug-eluting coronary artery stent(s)ProcedureICD-9-CM36.09Other removal of coronary artery obstructionProcedureICD-9-CM36.10Aortocoronary bypass for heart revascularization, not otherwise specifiedProcedureICD-9-CM36.11(Aorto)coronary bypass of neart revascularization, not otherwise specifiedProcedureICD-9-CM36.12(Aorto)coronary bypass of two coronary arteriesProcedureICD-9-CM36.13(Aorto)coronary bypass of two coronary arteriesProcedureICD-9-CM36.14(Aorto)coronary bypass of four or more coronary arteriesProcedureICD-9-CM36.15Single internal mammary-coronary artery bypassProcedureICD-9-CM36.16Double internal mammary-coronary artery bypassProcedureICD-9-CM36.17		Coronary revascularization		
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36.03Open chest coronary artery angioplastyProcedureICD-9-CM36.04Intracoronary artery thrombolytic infusionProcedureICD-9-CM36.06Insertion of non-drug-eluting coronary artery stent(s)ProcedureICD-9-CM36.07Insertion of drug-eluting coronary artery stent(s)ProcedureICD-9-CM36.09Other removal of coronary artery obstructionProcedureICD-9-CM36.1Bypass anastomosis for heart revascularizationProcedureICD-9-CM36.10Aortocoronary bypass for heart revascularization, not otherwise specifiedProcedureICD-9-CM36.11(Aorto)coronary bypass of one coronary arteryProcedureICD-9-CM36.12(Aorto)coronary bypass of two coronary arteriesProcedureICD-9-CM36.13(Aorto)coronary bypass of four or more coronary arteriesProcedureICD-9-CM36.14(Aorto)coronary bypass of four or more coronary arteriesProcedureICD-9-CM36.15Single internal mammary-coronary artery bypassProcedureICD-9-CM36.16Double internal mammary-coronary artery bypassProcedureICD-9-CM36.17Abdominal-coronary artery bypassProcedureICD-9-CM36.19Other bypass anastomosis for heart revascularizationProcedureICD-9-CM36.2Heart revascularization by arterial implantProcedureICD-9-CM36.3Other heart revascularizationProcedureICD-9-CM36.31Open chest transmyocardial revascularizationProcedureICD-9-CM </td <td>00.66</td> <td>Percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy</td> <td>Procedure</td> <td>ICD-9-CM</td>	00.66	Percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy	Procedure	ICD-9-CM
36.04Intracoronary artery thrombolytic infusionProcedureICD-9-CM36.06Insertion of non-drug-eluting coronary artery stent(s)ProcedureICD-9-CM36.07Insertion of drug-eluting coronary artery stent(s)ProcedureICD-9-CM36.09Other removal of coronary artery obstructionProcedureICD-9-CM36.1Bypass anastomosis for heart revascularizationProcedureICD-9-CM36.10Aortocoronary bypass for heart revascularization, not otherwise specifiedProcedureICD-9-CM36.11(Aorto)coronary bypass of one coronary arteryProcedureICD-9-CM36.12(Aorto)coronary bypass of two coronary arteriesProcedureICD-9-CM36.13(Aorto)coronary bypass of three coronary arteriesProcedureICD-9-CM36.14(Aorto)coronary bypass of four or more coronary arteriesProcedureICD-9-CM36.15Single internal mammary-coronary artery bypassProcedureICD-9-CM36.16Double internal mammary-coronary artery bypassProcedureICD-9-CM36.17Abdominal-coronary artery bypassProcedureICD-9-CM36.19Other bypass anastomosis for heart revascularizationProcedureICD-9-CM36.2Heart revascularization by arterial implantProcedureICD-9-CM36.3Other heart revascularizationProcedureICD-9-CM36.31Open chest transmyocardial revascularizationProcedureICD-9-CM36.32Other transmyocardial revascularizationProcedureICD-9-CM <td>36.0</td> <td>Removal of coronary artery obstruction and insertion of stent(s)</td> <td>Procedure</td> <td>ICD-9-CM</td>	36.0	Removal of coronary artery obstruction and insertion of stent(s)	Procedure	ICD-9-CM
36.06Insertion of non-drug-eluting coronary artery stent(s)ProcedureICD-9-CM36.07Insertion of drug-eluting coronary artery stent(s)ProcedureICD-9-CM36.09Other removal of coronary artery obstructionProcedureICD-9-CM36.1Bypass anastomosis for heart revascularizationProcedureICD-9-CM36.10Aortocoronary bypass for heart revascularization, not otherwise specifiedProcedureICD-9-CM36.11(Aorto)coronary bypass of one coronary arteryProcedureICD-9-CM36.12(Aorto)coronary bypass of two coronary arteriesProcedureICD-9-CM36.13(Aorto)coronary bypass of three coronary arteriesProcedureICD-9-CM36.14(Aorto)coronary bypass of four or more coronary arteriesProcedureICD-9-CM36.15Single internal mammary-coronary artery bypassProcedureICD-9-CM36.16Double internal mammary-coronary artery bypassProcedureICD-9-CM36.17Abdominal-coronary artery bypassProcedureICD-9-CM36.19Other bypass anastomosis for heart revascularizationProcedureICD-9-CM36.2Heart revascularization by arterial implantProcedureICD-9-CM36.31Open chest transmyocardial revascularizationProcedureICD-9-CM36.32Other transmyocardial revascularizationProcedureICD-9-CM36.33Endoscopic transmyocardial revascularizationProcedureICD-9-CM	36.03	Open chest coronary artery angioplasty	Procedure	ICD-9-CM
36.07Insertion of drug-eluting coronary artery stent(s)ProcedureICD-9-CM36.09Other removal of coronary artery obstructionProcedureICD-9-CM36.1Bypass anastomosis for heart revascularizationProcedureICD-9-CM36.10Aortocoronary bypass for heart revascularization, not otherwise specifiedProcedureICD-9-CM36.11(Aorto)coronary bypass of one coronary arteryProcedureICD-9-CM36.12(Aorto)coronary bypass of two coronary arteriesProcedureICD-9-CM36.13(Aorto)coronary bypass of four or more coronary arteriesProcedureICD-9-CM36.14(Aorto)coronary bypass of four or more coronary arteriesProcedureICD-9-CM36.15Single internal mammary-coronary artery bypassProcedureICD-9-CM36.16Double internal mammary-coronary artery bypassProcedureICD-9-CM36.17Abdominal-coronary artery bypassProcedureICD-9-CM36.19Other bypass anastomosis for heart revascularizationProcedureICD-9-CM36.2Heart revascularization by arterial implantProcedureICD-9-CM36.31Open chest transmyocardial revascularizationProcedureICD-9-CM36.32Other transmyocardial revascularizationProcedureICD-9-CM36.33Endoscopic transmyocardial revascularizationProcedureICD-9-CM	36.04	Intracoronary artery thrombolytic infusion	Procedure	ICD-9-CM
36.09Other removal of coronary artery obstructionProcedureICD-9-CM36.1Bypass anastomosis for heart revascularizationProcedureICD-9-CM36.10Aortocoronary bypass for heart revascularization, not otherwise specifiedProcedureICD-9-CM36.11(Aorto)coronary bypass of one coronary arteryProcedureICD-9-CM36.12(Aorto)coronary bypass of two coronary arteriesProcedureICD-9-CM36.13(Aorto)coronary bypass of four or more coronary arteriesProcedureICD-9-CM36.14(Aorto)coronary bypass of four or more coronary arteriesProcedureICD-9-CM36.15Single internal mammary-coronary artery bypassProcedureICD-9-CM36.16Double internal mammary-coronary artery bypassProcedureICD-9-CM36.17Abdominal-coronary artery bypassProcedureICD-9-CM36.19Other bypass anastomosis for heart revascularizationProcedureICD-9-CM36.2Heart revascularization by arterial implantProcedureICD-9-CM36.3Other heart revascularizationProcedureICD-9-CM36.31Open chest transmyocardial revascularizationProcedureICD-9-CM36.32Other transmyocardial revascularizationProcedureICD-9-CM36.33Endoscopic transmyocardial revascularizationProcedureICD-9-CM	36.06	Insertion of non-drug-eluting coronary artery stent(s)	Procedure	ICD-9-CM
36.1Bypass anastomosis for heart revascularizationProcedureICD-9-CM36.10Aortocoronary bypass for heart revascularization, not otherwise specifiedProcedureICD-9-CM36.11(Aorto)coronary bypass of one coronary arteryProcedureICD-9-CM36.12(Aorto)coronary bypass of two coronary arteriesProcedureICD-9-CM36.13(Aorto)coronary bypass of three coronary arteriesProcedureICD-9-CM36.14(Aorto)coronary bypass of four or more coronary arteriesProcedureICD-9-CM36.15Single internal mammary-coronary artery bypassProcedureICD-9-CM36.16Double internal mammary-coronary artery bypassProcedureICD-9-CM36.17Abdominal-coronary artery bypassProcedureICD-9-CM36.19Other bypass anastomosis for heart revascularizationProcedureICD-9-CM36.2Heart revascularization by arterial implantProcedureICD-9-CM36.3Other heart revascularizationProcedureICD-9-CM36.31Open chest transmyocardial revascularizationProcedureICD-9-CM36.32Other transmyocardial revascularizationProcedureICD-9-CM36.33Endoscopic transmyocardial revascularizationProcedureICD-9-CM	36.07	Insertion of drug-eluting coronary artery stent(s)	Procedure	ICD-9-CM
36.10Aortocoronary bypass for heart revascularization, not otherwise specifiedProcedureICD-9-CM36.11(Aorto)coronary bypass of one coronary arteryProcedureICD-9-CM36.12(Aorto)coronary bypass of two coronary arteriesProcedureICD-9-CM36.13(Aorto)coronary bypass of three coronary arteriesProcedureICD-9-CM36.14(Aorto)coronary bypass of four or more coronary arteriesProcedureICD-9-CM36.15Single internal mammary-coronary artery bypassProcedureICD-9-CM36.16Double internal mammary-coronary artery bypassProcedureICD-9-CM36.17Abdominal-coronary artery bypassProcedureICD-9-CM36.19Other bypass anastomosis for heart revascularizationProcedureICD-9-CM36.2Heart revascularization by arterial implantProcedureICD-9-CM36.3Other heart revascularizationProcedureICD-9-CM36.31Open chest transmyocardial revascularizationProcedureICD-9-CM36.32Other transmyocardial revascularizationProcedureICD-9-CM36.33Endoscopic transmyocardial revascularizationProcedureICD-9-CM	36.09	Other removal of coronary artery obstruction	Procedure	ICD-9-CM
36.11 (Aorto)coronary bypass of one coronary artery 36.12 (Aorto)coronary bypass of two coronary arteries 36.13 (Aorto)coronary bypass of three coronary arteries 36.14 (Aorto)coronary bypass of four or more coronary arteries 36.15 Single internal mammary-coronary artery bypass 36.16 Double internal mammary-coronary artery bypass 36.17 Abdominal-coronary artery bypass 36.19 Other bypass anastomosis for heart revascularization 36.2 Heart revascularization by arterial implant 36.3 Other heart revascularization 36.3 Open chest transmyocardial revascularization 36.3 Other transmyocardial revascularization 36.3 Denotoscopic transmyocardial revascularization 36.3 Endoscopic transmyocardial revascularization 36.3 Endoscopic transmyocardial revascularization 36.3 Procedure ICD-9-CM 36.3 Endoscopic transmyocardial revascularization 36.3 Endoscopic transmyocardial revascularization 36.3 Endoscopic transmyocardial revascularization 36.3 Endoscopic transmyocardial revascularization 36.3 Procedure ICD-9-CM 36.3 Endoscopic transmyocardial revascularization	36.1	Bypass anastomosis for heart revascularization	Procedure	ICD-9-CM
36.12(Aorto)coronary bypass of two coronary arteriesProcedureICD-9-CM36.13(Aorto)coronary bypass of three coronary arteriesProcedureICD-9-CM36.14(Aorto)coronary bypass of four or more coronary arteriesProcedureICD-9-CM36.15Single internal mammary-coronary artery bypassProcedureICD-9-CM36.16Double internal mammary-coronary artery bypassProcedureICD-9-CM36.17Abdominal-coronary artery bypassProcedureICD-9-CM36.19Other bypass anastomosis for heart revascularizationProcedureICD-9-CM36.2Heart revascularization by arterial implantProcedureICD-9-CM36.3Other heart revascularizationProcedureICD-9-CM36.31Open chest transmyocardial revascularizationProcedureICD-9-CM36.32Other transmyocardial revascularizationProcedureICD-9-CM36.33Endoscopic transmyocardial revascularizationProcedureICD-9-CM	36.10	Aortocoronary bypass for heart revascularization, not otherwise specified	Procedure	ICD-9-CM
36.13(Aorto)coronary bypass of three coronary arteriesProcedureICD-9-CM36.14(Aorto)coronary bypass of four or more coronary arteriesProcedureICD-9-CM36.15Single internal mammary-coronary artery bypassProcedureICD-9-CM36.16Double internal mammary-coronary artery bypassProcedureICD-9-CM36.17Abdominal-coronary artery bypassProcedureICD-9-CM36.19Other bypass anastomosis for heart revascularizationProcedureICD-9-CM36.2Heart revascularization by arterial implantProcedureICD-9-CM36.3Other heart revascularizationProcedureICD-9-CM36.31Open chest transmyocardial revascularizationProcedureICD-9-CM36.32Other transmyocardial revascularizationProcedureICD-9-CM36.33Endoscopic transmyocardial revascularizationProcedureICD-9-CM	36.11	(Aorto)coronary bypass of one coronary artery	Procedure	ICD-9-CM
36.14(Aorto)coronary bypass of four or more coronary arteriesProcedureICD-9-CM36.15Single internal mammary-coronary artery bypassProcedureICD-9-CM36.16Double internal mammary-coronary artery bypassProcedureICD-9-CM36.17Abdominal-coronary artery bypassProcedureICD-9-CM36.19Other bypass anastomosis for heart revascularizationProcedureICD-9-CM36.2Heart revascularization by arterial implantProcedureICD-9-CM36.3Other heart revascularizationProcedureICD-9-CM36.31Open chest transmyocardial revascularizationProcedureICD-9-CM36.32Other transmyocardial revascularizationProcedureICD-9-CM36.33Endoscopic transmyocardial revascularizationProcedureICD-9-CM	36.12	(Aorto)coronary bypass of two coronary arteries	Procedure	ICD-9-CM
36.15Single internal mammary-coronary artery bypassProcedureICD-9-CM36.16Double internal mammary-coronary artery bypassProcedureICD-9-CM36.17Abdominal-coronary artery bypassProcedureICD-9-CM36.19Other bypass anastomosis for heart revascularizationProcedureICD-9-CM36.2Heart revascularization by arterial implantProcedureICD-9-CM36.3Other heart revascularizationProcedureICD-9-CM36.31Open chest transmyocardial revascularizationProcedureICD-9-CM36.32Other transmyocardial revascularizationProcedureICD-9-CM36.33Endoscopic transmyocardial revascularizationProcedureICD-9-CM	36.13	(Aorto)coronary bypass of three coronary arteries	Procedure	ICD-9-CM
36.16Double internal mammary-coronary artery bypassProcedureICD-9-CM36.17Abdominal-coronary artery bypassProcedureICD-9-CM36.19Other bypass anastomosis for heart revascularizationProcedureICD-9-CM36.2Heart revascularization by arterial implantProcedureICD-9-CM36.3Other heart revascularizationProcedureICD-9-CM36.31Open chest transmyocardial revascularizationProcedureICD-9-CM36.32Other transmyocardial revascularizationProcedureICD-9-CM36.33Endoscopic transmyocardial revascularizationProcedureICD-9-CM	36.14	(Aorto)coronary bypass of four or more coronary arteries	Procedure	ICD-9-CM
Abdominal-coronary artery bypass Procedure ICD-9-CM 36.19 Other bypass anastomosis for heart revascularization Procedure ICD-9-CM 36.2 Heart revascularization by arterial implant Procedure ICD-9-CM 36.3 Other heart revascularization Procedure ICD-9-CM 36.31 Open chest transmyocardial revascularization Procedure ICD-9-CM 36.32 Other transmyocardial revascularization Procedure ICD-9-CM 36.33 Endoscopic transmyocardial revascularization Procedure ICD-9-CM	36.15	Single internal mammary-coronary artery bypass	Procedure	ICD-9-CM
36.19Other bypass anastomosis for heart revascularizationProcedureICD-9-CM36.2Heart revascularization by arterial implantProcedureICD-9-CM36.3Other heart revascularizationProcedureICD-9-CM36.31Open chest transmyocardial revascularizationProcedureICD-9-CM36.32Other transmyocardial revascularizationProcedureICD-9-CM36.33Endoscopic transmyocardial revascularizationProcedureICD-9-CM	36.16	Double internal mammary-coronary artery bypass	Procedure	ICD-9-CM
Heart revascularization by arterial implant Procedure ICD-9-CM Other heart revascularization Procedure ICD-9-CM Open chest transmyocardial revascularization Procedure ICD-9-CM Other transmyocardial revascularization Procedure ICD-9-CM Endoscopic transmyocardial revascularization Procedure ICD-9-CM	36.17	Abdominal-coronary artery bypass	Procedure	ICD-9-CM
36.3Other heart revascularizationProcedureICD-9-CM36.31Open chest transmyocardial revascularizationProcedureICD-9-CM36.32Other transmyocardial revascularizationProcedureICD-9-CM36.33Endoscopic transmyocardial revascularizationProcedureICD-9-CM	36.19	Other bypass anastomosis for heart revascularization	Procedure	ICD-9-CM
36.31Open chest transmyocardial revascularizationProcedureICD-9-CM36.32Other transmyocardial revascularizationProcedureICD-9-CM36.33Endoscopic transmyocardial revascularizationProcedureICD-9-CM	36.2	Heart revascularization by arterial implant	Procedure	ICD-9-CM
36.32 Other transmyocardial revascularization Procedure ICD-9-CM Endoscopic transmyocardial revascularization Procedure ICD-9-CM	36.3	Other heart revascularization	Procedure	ICD-9-CM
36.33 Endoscopic transmyocardial revascularization Procedure ICD-9-CM	36.31	Open chest transmyocardial revascularization	Procedure	ICD-9-CM
. ,	36.32	Other transmyocardial revascularization	Procedure	ICD-9-CM
36.34 Percutaneous transmyocardial revascularization Procedure ICD-9-CM	36.33	Endoscopic transmyocardial revascularization	Procedure	ICD-9-CM
	36.34	Percutaneous transmyocardial revascularization	Procedure	ICD-9-CM

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		Code	
Code	Description	Category	Code Type
36.39	Other heart revascularization	Procedure	ICD-9-CM
00566	Anesthesia for direct coronary artery bypass grafting; without pump oxygenator	Procedure	CPT-4
33508	Endoscopy, surgical, including video-assisted harvest of vein(s) for coronary artery bypass	Procedure	CPT-4
	procedure (List separately in addition to code for primary procedure)		
33510	Coronary artery bypass, vein only; single coronary venous graft	Procedure	CPT-4
33511	Coronary artery bypass, vein only; 2 coronary venous grafts	Procedure	CPT-4
33512	Coronary artery bypass, vein only; 3 coronary venous grafts	Procedure	CPT-4
33513	Coronary artery bypass, vein only; 4 coronary venous grafts	Procedure	CPT-4
33514	Coronary artery bypass, vein only; 5 coronary venous grafts	Procedure	CPT-4
33516	Coronary artery bypass, vein only; 6 or more coronary venous grafts	Procedure	CPT-4
33517	Coronary artery bypass, using venous graft(s) and arterial graft(s); single vein graft (List	Procedure	CPT-4
	separately in addition to code for primary procedure)		
33518	Coronary artery bypass, using venous graft(s) and arterial graft(s); 2 venous grafts (List	Procedure	CPT-4
	separately in addition to code for primary procedure)		
33519	Coronary artery bypass, using venous graft(s) and arterial graft(s); 3 venous grafts (List	Procedure	CPT-4
	separately in addition to code for primary procedure)		
33521	Coronary artery bypass, using venous graft(s) and arterial graft(s); 4 venous grafts (List	Procedure	CPT-4
	separately in addition to code for primary procedure)		
33522	Coronary artery bypass, using venous graft(s) and arterial graft(s); 5 venous grafts (List	Procedure	CPT-4
	separately in addition to code for primary procedure)		
33523	Coronary artery bypass, using venous graft(s) and arterial graft(s); 6 or more venous grafts	Procedure	CPT-4
	(List separately in addition to code for primary procedure)		
33530	Reoperation, coronary artery bypass procedure or valve procedure, more than 1 month	Procedure	CPT-4
	after original operation (List separately in addition to code for primary procedure)		
33533	Coronary artery bypass, using arterial graft(s); single arterial graft	Procedure	CPT-4
33534	Coronary artery bypass, using arterial graft(s); 2 coronary arterial grafts	Procedure	CPT-4
33535	Coronary artery bypass, using arterial graft(s); 3 coronary arterial grafts	Procedure	CPT-4
33536	Coronary artery bypass, using arterial graft(s); 4 or more coronary arterial grafts	Procedure	CPT-4
33572	Coronary endarterectomy, open, any method, of left anterior descending, circumflex, or	Procedure	CPT-4
	right coronary artery performed in conjunction with coronary artery bypass graft procedure,		
	each vessel (List separately in addition to primary procedure)		
35500	Harvest of upper extremity vein, 1 segment, for lower extremity or coronary artery bypass procedure (List separately in addition to code for primary procedure)	Procedure	CPT-4
92920	Percutaneous transluminal coronary angioplasty; single major coronary artery or branch	Procedure	CPT-4
92921	Percutaneous transluminal coronary angioplasty; each additional branch of a major	Procedure	CPT-4
	coronary artery (List separately in addition to code for primary procedure)		
92924	Percutaneous transluminal coronary atherectomy, with coronary angioplasty when	Procedure	CPT-4
	performed; single major coronary artery or branch		
92925	Percutaneous transluminal coronary atherectomy, with coronary angioplasty when	Procedure	CPT-4
	performed; each additional branch of a major coronary artery (List separately in addition to		
	code for primary procedure)		
92928	Percutaneous transcatheter placement of intracoronary stent(s), with coronary angioplasty	Procedure	CPT-4
	when performed; single major coronary artery or branch		

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		Code	
Code	Description	Category	Code Type
92929	Percutaneous transcatheter placement of intracoronary stent(s), with coronary angioplasty	Procedure	CPT-4
	when performed; each additional branch of a major coronary artery (List separately in		
	addition to code for primary procedure)		
92933	Percutaneous transluminal coronary atherectomy, with intracoronary stent, with coronary	Procedure	CPT-4
	angioplasty when performed; single major coronary artery or branch		
92934	Percutaneous transluminal coronary atherectomy, with intracoronary stent, with coronary	Procedure	CPT-4
	angioplasty when performed; each additional branch of a major coronary artery (List		
	separately in addition to code for primary procedure)		
92937	Percutaneous transluminal revascularization of or through coronary artery bypass graft	Procedure	CPT-4
	(internal mammary, free arterial, venous), any combination of intracoronary stent,		
	atherectomy and angioplasty, including distal protection when performed; single vessel		
92938	Percutaneous transluminal revascularization of or through coronary artery bypass graft	Procedure	CPT-4
	(internal mammary, free arterial, venous), any combination of intracoronary stent,		
	atherectomy and angioplasty, including distal protection when performed; each additional		
	branch subtended by the bypass graft (List separately in addition to code for primary		
00044	procedure)		
92941	Percutaneous transluminal revascularization of acute total/subtotal occlusion during acute	Procedure	CP1-4
	myocardial infarction, coronary artery or coronary artery bypass graft, any combination of		
	intracoronary stent, atherectomy and angioplasty, including aspiration thrombectomy when		
02042	performed, single vessel	Dunnalium	CDT 4
92943	Percutaneous transluminal revascularization of chronic total occlusion, coronary artery,	Procedure	CPT-4
	coronary artery branch, or coronary artery bypass graft, any combination of intracoronary		
02044	stent, atherectomy and angioplasty; single vessel	Drocoduro	CDT 4
92944	Percutaneous transluminal revascularization of chronic total occlusion, coronary artery,	Procedure	CPT-4
	coronary artery branch, or coronary artery bypass graft, any combination of intracoronary stent, atherectomy and angioplasty; each additional coronary artery, coronary artery		
	branch, or bypass graft (List separately in addition to code for primary procedure)		
92973	Percutaneous transluminal coronary thrombectomy mechanical (List separately in addition	Procedure	CPT-4
32373	to code for primary procedure)	rroccaare	CITT
92975	Thrombolysis, coronary; by intracoronary infusion, including selective coronary angiography	Procedure	CPT-4
92977	Thrombolysis, coronary; by intravenous infusion	Procedure	CPT-4
92980	Transcatheter placement of an intracoronary stent(s), percutaneous, with or without other		CPT-4
	therapeutic intervention, any method; single vessel		
92981	Transcatheter placement of an intracoronary stent(s), percutaneous, with or without other	Procedure	CPT-4
	therapeutic intervention, any method; each additional vessel (List separately in addition to		
	code for primary procedure)		
92982	Percutaneous transluminal coronary balloon angioplasty; single vessel	Procedure	CPT-4
92984	Percutaneous transluminal coronary balloon angioplasty; each additional vessel (List	Procedure	CPT-4
	separately in addition to code for primary procedure)		
92995	Percutaneous transluminal coronary atherectomy, by mechanical or other method, with or	Procedure	CPT-4
	without balloon angioplasty; single vessel		

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		Code	
Code	Description	Category	Code Type
92996	Percutaneous transluminal coronary atherectomy, by mechanical or other method, with or	Procedure	CPT-4
	without balloon angioplasty; each additional vessel (List separately in addition to code for		
	primary procedure)		
93540	Injection procedure during cardiac catheterization; for selective opacification of	Procedure	CPT-4
	aortocoronary venous bypass grafts, 1 or more coronary arteries		
93564	Injection procedure during cardiac catheterization including imaging supervision,	Procedure	CPT-4
	interpretation, and report; for selective opacification of aortocoronary venous or arterial		
	bypass graft(s) (eg, aortocoronary saphenous vein, free radial artery, or free mammary		
	artery graft) to one or more coronary arteries and in situ arterial conduits (eg, internal		
	mammary), whether native or used for bypass to one or more coronary arteries during		
	congenital heart catheterization, when performed (List separately in addition to code for		
C9600	Percutaneous transcatheter placement of drug eluting intracoronary stent(s), with coronary	Procedure	HCPCS
	angioplasty when performed; single major coronary artery or branch		
C9601	Percutaneous transcatheter placement of drug-eluting intracoronary stent(s), with coronary	Procedure	HCPCS
	angioplasty when performed; each additional branch of a major coronary artery (list		
60600	separately in addition to code for primary procedure)		LICECC
C9602	Percutaneous transluminal coronary atherectomy, with drug eluting intracoronary stent,	Procedure	HCPCS
60600	with coronary angioplasty when performed; single major coronary artery or branch		LICECC
C9603	Percutaneous transluminal coronary atherectomy, with drug-eluting intracoronary stent,	Procedure	HCPCS
	with coronary angioplasty when performed; each additional branch of a major coronary		
COCO4	artery (list separately in addition to code for primary procedure)	Duagadiina	HCDCC
C9604	Percutaneous transluminal revascularization of or through coronary artery bypass graft	Procedure	HCPCS
	(internal mammary, free arterial, venous), any combination of drug-eluting intracoronary		
COCOE	stent, atherectomy and angioplasty, including distal protection when performed; single	Dragadura	HCDCC
C9605	Percutaneous transluminal revascularization of or through coronary artery bypass graft	Procedure	HCPCS
	(internal mammary, free arterial, venous), any combination of drug-eluting intracoronary		
	stent, atherectomy and angioplasty, including distal protection when performed; each additional branch subtended by the bypass graft (list separately in addition to code for		
	primary procedure)		
C9606	Percutaneous transluminal revascularization of acute total/subtotal occlusion during acute	Procedure	HCPCS
C9000	myocardial infarction, coronary artery or coronary artery bypass graft, any combination of	riocedule	TICECS
	drug-eluting intracoronary stent, atherectomy and angioplasty, including aspiration		
	thrombectomy when performed, single vessel		
C9607	Percutaneous transluminal revascularization of chronic total occlusion, coronary artery,	Procedure	HCPCS
C3007	coronary artery branch, or coronary artery bypass graft, any combination of drug-eluting	rroccaure	TICI CS
	intracoronary stent, atherectomy and angioplasty; single vessel		
C9608	Percutaneous transluminal revascularization of chronic total occlusion, coronary artery,	Procedure	HCPCS
03000	coronary artery branch, or coronary artery bypass graft, any combination of drug-eluting	rroccaare	
	intracoronary stent, atherectomy and angioplasty; each additional coronary artery, coronary		
	artery branch, or bypass graft (list separately in addition to code for primary procedure)		
G0290	Transcatheter placement of a drug eluting intracoronary stent(s), percutaneous, with or	Procedure	HCPCS
	without other therapeutic intervention, any method; single vessel		
	mandat data therapeade intervention, any method, single vesser		

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	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
G0291	Transcatheter placement of a drug eluting intracoronary stent(s), percutaneous, with or	Procedure	HCPCS
	without other therapeutic intervention, any method; each additional vessel		
G8158	Patient documented to have received coronary artery bypass graft with use of internal	Procedure	HCPCS
00450	mammary artery		
G8159	Patient documented to have received coronary artery bypass graft without use of internal	Procedure	HCPCS
G8161	mammary artery Patient with isolated coronary artery bypass graft documented to have received pre-	Procedure	HCPCS
00101	operative beta-blockade	riocedule	ПСРСЗ
G8162	Patient with isolated coronary artery bypass graft not documented to have received	Procedure	HCPCS
00102	preoperative beta-blockade	1100000010	1101 05
G8163	Clinician documented that patient with isolated coronary artery bypass graft was not an	Procedure	HCPCS
	eligible candidate for pre-operative beta-blockade measure		
G8164	Patient with isolated coronary artery bypass graft documented to have prolonged intubation	Procedure	HCPCS
G8165	Patient with isolated coronary artery bypass graft not documented to have prolonged	Procedure	HCPCS
	intubation		
G8166	Patient with isolated coronary artery bypass graft documented to have required surgical re-	Procedure	HCPCS
	exploration		
G8167	Patient with isolated coronary artery bypass graft did not require surgical re-exploration	Procedure	HCPCS
G8170	Patient with isolated coronary artery bypass graft documented to have been discharged on	Procedure	HCPCS
G8171	aspirin or clopidogrel Patient with isolated coronary artery bypass graft not documented to have been discharged	Dracadura	HCPCS
G01/1	on aspirin or clopidogrel	Procedure	ПСРСЗ
G8172	Clinician documented that patient with isolated coronary artery bypass graft was not an	Procedure	HCPCS
	eligible candidate for antiplatelet therapy at discharge measure		
Z92.82	Status post administration of tPA (rtPA) in a different facility within the last 24 hours prior to	Diagnosis	ICD-10-CM
	admission to current facility		
Z95.1	Presence of aortocoronary bypass graft	Diagnosis	ICD-10-CM
Z95.5	Presence of coronary angioplasty implant and graft	Diagnosis	ICD-10-CM
Z98.61	Coronary angioplasty status	Diagnosis	ICD-10-CM
00.66	Percutaneous transluminal coronary angioplasty [PTCA]	Procedure	ICD-9-CM
0210083	Bypass Coronary Artery, One Artery from Coronary Artery with Zooplastic Tissue, Open	Procedure	ICD-10-PCS
0210000	Approach Rugges Coronary Artery One Artery from Bight Internal Mammary with Zeenlestic Tissue	Dragadura	ICD 10 DCC
0210088	Bypass Coronary Artery, One Artery from Right Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0210089	Bypass Coronary Artery, One Artery from Left Internal Mammary with Zooplastic Tissue,	Procedure	ICD-10-PCS
0210003	Open Approach	Troccaure	100 101 05
021008C	Bypass Coronary Artery, One Artery from Thoracic Artery with Zooplastic Tissue, Open	Procedure	ICD-10-PCS
	Approach		
021008F	Bypass Coronary Artery, One Artery from Abdominal Artery with Zooplastic Tissue, Open	Procedure	ICD-10-PCS
	Approach		
021008W	Bypass Coronary Artery, One Artery from Aorta with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
210093	B Bypass Coronary Artery, One Artery from Coronary Artery with Autologous Venous Tissue,	Procedure	ICD-10-PCS
	Open Approach		

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	iseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
210098	Bypass Coronary Artery, One Artery from Right Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
210099	Bypass Coronary Artery, One Artery from Left Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021009C	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021009F	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021009W	Bypass Coronary Artery, One Artery from Aorta with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02100A3	Bypass Coronary Artery, One Artery from Coronary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100A8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100A9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100AC	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100AF	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100AW	Bypass Coronary Artery, One Artery from Aorta with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100J3	Bypass Coronary Artery, One Artery from Coronary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100J8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100J9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100JC	Bypass Coronary Artery, One Artery from Thoracic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100JF	Bypass Coronary Artery, One Artery from Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100JW	Bypass Coronary Artery, One Artery from Aorta with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100K3	Bypass Coronary Artery, One Artery from Coronary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02100K8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02100K9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02100KC	Bypass Coronary Artery, One Artery from Thoracic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02100KF	Bypass Coronary Artery, One Artery from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
02100KW	Bypass Coronary Artery, One Artery from Aorta with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02100Z3	Bypass Coronary Artery, One Artery from Coronary Artery, Open Approach	Procedure	ICD-10-PCS
02100Z8	Bypass Coronary Artery, One Artery from Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02100Z9	Bypass Coronary Artery, One Artery from Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02100ZC	Bypass Coronary Artery, One Artery from Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
02100ZF	Bypass Coronary Artery, One Artery from Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
0210344	Bypass Coronary Artery, One Artery from Coronary Vein with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02103D4	Bypass Coronary Artery, One Artery from Coronary Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0210444	Bypass Coronary Artery, One Artery from Coronary Vein with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0210483	Bypass Coronary Artery, One Artery from Coronary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0210488	Bypass Coronary Artery, One Artery from Right Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0210489	Bypass Coronary Artery, One Artery from Left Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021048C	Bypass Coronary Artery, One Artery from Thoracic Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021048F	Bypass Coronary Artery, One Artery from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021048W	Bypass Coronary Artery, One Artery from Aorta with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0210493	Bypass Coronary Artery, One Artery from Coronary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0210498	Bypass Coronary Artery, One Artery from Right Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0210499	Bypass Coronary Artery, One Artery from Left Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021049C	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021049F	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021049W	Bypass Coronary Artery, One Artery from Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104A3	Bypass Coronary Artery, One Artery from Coronary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104A8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104A9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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	·	Code	
Code	Description	Category	Code Type
02104AC	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous Arterial Tissue,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
02104AF	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Arterial Tissue,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
02104AW	Bypass Coronary Artery, One Artery from Aorta with Autologous Arterial Tissue,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
02104D4	Bypass Coronary Artery, One Artery from Coronary Vein with Intraluminal Device,	Procedure	ICD-10-PCS
0240412	Percutaneous Endoscopic Approach	Dan en de con	ICD 40 DCC
02104J3	Bypass Coronary Artery, One Artery from Coronary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104J8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Synthetic Substitute,	Procedure	ICD-10-PCS
0210430	Percutaneous Endoscopic Approach	rroccdure	ICD-10-I C3
02104J9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Synthetic Substitute,	Procedure	ICD-10-PCS
00	Percutaneous Endoscopic Approach		.02 20 . 00
02104JC	Bypass Coronary Artery, One Artery from Thoracic Artery with Synthetic Substitute,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
02104JF	Bypass Coronary Artery, One Artery from Abdominal Artery with Synthetic Substitute,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
02104JW	Bypass Coronary Artery, One Artery from Aorta with Synthetic Substitute, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
02104K3	Bypass Coronary Artery, One Artery from Coronary Artery with Nonautologous Tissue	Procedure	ICD-10-PCS
	Substitute, Percutaneous Endoscopic Approach		
02104K8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Nonautologous	Procedure	ICD-10-PCS
	Tissue Substitute, Percutaneous Endoscopic Approach		
02104K9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Nonautologous Tissue	Procedure	ICD-10-PCS
0210460	Substitute, Percutaneous Endoscopic Approach	Duagadiina	ICD 10 DCC
02104KC	Bypass Coronary Artery, One Artery from Thoracic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104KF	Bypass Coronary Artery, One Artery from Abdominal Artery with Nonautologous Tissue	Procedure	ICD-10-PCS
02104KI	Substitute, Percutaneous Endoscopic Approach	riocedule	ICD-10-FC3
02104KW	Bypass Coronary Artery, One Artery from Aorta with Nonautologous Tissue Substitute,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
02104Z3	Bypass Coronary Artery, One Artery from Coronary Artery, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
02104Z8	Bypass Coronary Artery, One Artery from Right Internal Mammary, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
02104Z9	Bypass Coronary Artery, One Artery from Left Internal Mammary, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
02104ZC	Bypass Coronary Artery, One Artery from Thoracic Artery, Percutaneous Endoscopic	Procedure	ICD-10-PCS
02104ZF	Bypass Coronary Artery, One Artery from Abdominal Artery, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0211083	Bypass Coronary Artery, Two Arteries from Coronary Artery with Zooplastic Tissue, Open	Procedure	ICD-10-PCS
	Approach		

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to beline be	seline Characteristics in this Request	Code	
Code	Description	Category	Code Type
0211088	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0211089	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021108C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021108F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021108W	Bypass Coronary Artery, Two Arteries from Aorta with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
211093	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
211098	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
211099	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021109C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021109F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021109W	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02110A3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110A8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110A9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110AC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110AF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110AW	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110J3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110J8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110J9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110JC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110JF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS

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	·	Code	
Code	Description	Category	Code Type
02110JW	Bypass Coronary Artery, Two Arteries from Aorta with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110K3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110K8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110K9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110KC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110KF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110KW	Bypass Coronary Artery, Two Arteries from Aorta with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110Z3	Bypass Coronary Artery, Two Arteries from Coronary Artery, Open Approach	Procedure	ICD-10-PCS
02110Z8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02110Z9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02110ZC	Bypass Coronary Artery, Two Arteries from Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
02110ZF	Bypass Coronary Artery, Two Arteries from Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
0211344	Bypass Coronary Artery, Two Arteries from Coronary Vein with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02113D4	Bypass Coronary Artery, Two Arteries from Coronary Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0211444	Bypass Coronary Artery, Two Arteries from Coronary Vein with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211483	Bypass Coronary Artery, Two Arteries from Coronary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211488	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211489	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021148C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021148F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021148W	Bypass Coronary Artery, Two Arteries from Aorta with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211493	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211498	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211499	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
021149C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021149F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021149W	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114A3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114A8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114A9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114AC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114AF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114AW	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114D4	Bypass Coronary Artery, Two Arteries from Coronary Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114J3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114J8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114J9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114JC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114JF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114JW	Bypass Coronary Artery, Two Arteries from Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114K3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114K8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114K9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114KC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114KF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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	isemie Characteristics in this nequest	Code	
Code	Description	Category	Code Type
02114KW	Bypass Coronary Artery, Two Arteries from Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114Z3	Bypass Coronary Artery, Two Arteries from Coronary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114Z8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114Z9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114ZC	Bypass Coronary Artery, Two Arteries from Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114ZF	Bypass Coronary Artery, Two Arteries from Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212083	Bypass Coronary Artery, Three Arteries from Coronary Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0212088	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0212089	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021208C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021208F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021208W	Bypass Coronary Artery, Three Arteries from Aorta with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
212098	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
212099	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021209C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021209F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021209W	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02120A3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120A8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120A9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120AC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS

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	·	Code	
Code	Description	Category	Code Type
02120AF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120AW	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120J3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120J8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120J9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120JC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120JF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120JW	Bypass Coronary Artery, Three Arteries from Aorta with Synthetic Substitute, Open	Procedure	ICD-10-PCS
02120K3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120K8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120K9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120KC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120KF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120KW	Bypass Coronary Artery, Three Arteries from Aorta with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120Z3	Bypass Coronary Artery, Three Arteries from Coronary Artery, Open Approach	Procedure	ICD-10-PCS
02120Z8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02120Z9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02120ZC	Bypass Coronary Artery, Three Arteries from Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
02120ZF	Bypass Coronary Artery, Three Arteries from Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
0212344	Bypass Coronary Artery, Three Arteries from Coronary Vein with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02123D4	Bypass Coronary Artery, Three Arteries from Coronary Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0212444	Bypass Coronary Artery, Three Arteries from Coronary Vein with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212483	Bypass Coronary Artery, Three Arteries from Coronary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212488	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
0212489	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021248C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021248F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021248W	Bypass Coronary Artery, Three Arteries from Aorta with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212493	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212498	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212499	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021249C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021249F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021249W	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124A3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124A8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124A9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124AC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124AF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124AW	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124D4	Bypass Coronary Artery, Three Arteries from Coronary Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124J3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124J8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124J9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124JC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
02124JF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124JW	Bypass Coronary Artery, Three Arteries from Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124K3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124K8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124K9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124KC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124KF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124KW	Bypass Coronary Artery, Three Arteries from Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124Z3	Bypass Coronary Artery, Three Arteries from Coronary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124Z8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124Z9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124ZC	Bypass Coronary Artery, Three Arteries from Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124ZF	Bypass Coronary Artery, Three Arteries from Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0213083	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0213088	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0213089	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021308C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021308F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021308W	Bypass Coronary Artery, Four or More Arteries from Aorta with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
213093	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
213098	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS

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	isemie Characteristics in this Nequest	Code	
Code	Description	Category	Code Type
213099	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021309C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021309F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021309W	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02130A3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130A8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130A9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130AC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130AF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130AW	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130J3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130J8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130J9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130JC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130JF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130JW	Bypass Coronary Artery, Four or More Arteries from Aorta with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130K3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02130K8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02130K9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with	Procedure	ICD-10-PCS
02130KC	Nonautologous Tissue Substitute, Open Approach Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02130KF	Tissue Substitute, Open Approach Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
02130KW	Bypass Coronary Artery, Four or More Arteries from Aorta with Nonautologous Tissue	Procedure	ICD-10-PCS
	Substitute, Open Approach		
02130Z3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery, Open Approach	Procedure	ICD-10-PCS
02130Z8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary, Open	Procedure	ICD-10-PCS
02130Z9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary, Open Approach		ICD-10-PCS
02130ZC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
02130ZF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
0213344	Bypass Coronary Artery, Four or More Arteries from Coronary Vein with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02133D4	Bypass Coronary Artery, Four or More Arteries from Coronary Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0213444	Bypass Coronary Artery, Four or More Arteries from Coronary Vein with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0213483	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0213488	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0213489	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021348C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Zooplastic Tissue,	Procedure	ICD-10-PCS
021348F	Percutaneous Endoscopic Approach Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Zooplastic	Procedure	ICD-10-PCS
021348W	Tissue, Percutaneous Endoscopic Approach Bypass Coronary Artery, Four or More Arteries from Aorta with Zooplastic Tissue,	Procedure	ICD-10-PCS
0213493	Percutaneous Endoscopic Approach Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Autologous	Procedure	ICD-10-PCS
	Venous Tissue, Percutaneous Endoscopic Approach		
0213498	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0213499	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021349C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021349F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021349W	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134A3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Autologous	Procedure	ICD-10-PCS
02134A8	Arterial Tissue, Percutaneous Endoscopic Approach Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with	Procedure	ICD-10-PCS
02134A9	Autologous Arterial Tissue, Percutaneous Endoscopic Approach Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
02134AC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134AF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134AW	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134D4	Bypass Coronary Artery, Four or More Arteries from Coronary Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134J3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134J8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134J9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134JC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134JF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134JW	Bypass Coronary Artery, Four or More Arteries from Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134K3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134K8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134K9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134KC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134KF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134KW	Bypass Coronary Artery, Four or More Arteries from Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134Z3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134Z8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134Z9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134ZC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134ZF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery, Percutaneous	Procedure	ICD-10-PCS
021K0Z5	Endoscopic Approach Bypass Right Ventricle to Coronary Circulation, Open Approach	Procedure	ICD-10-PCS

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	·	Code	
Code	Description	Category	Code Type
021K0Z8	Bypass Right Ventricle to Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
021K0Z9	Bypass Right Ventricle to Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
021K0ZC	Bypass Right Ventricle to Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
021K0ZF	Bypass Right Ventricle to Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
021K0ZW	Bypass Right Ventricle to Aorta, Open Approach	Procedure	ICD-10-PCS
021K4Z5	Bypass Right Ventricle to Coronary Circulation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K4Z8	Bypass Right Ventricle to Right Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K4Z9	Bypass Right Ventricle to Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K4ZC	Bypass Right Ventricle to Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K4ZF	Bypass Right Ventricle to Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K4ZW	Bypass Right Ventricle to Aorta, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L08P	Bypass Left Ventricle to Pulmonary Trunk with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021L08Q	Bypass Left Ventricle to Right Pulmonary Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021L08R	Bypass Left Ventricle to Left Pulmonary Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021L09P	Bypass Left Ventricle to Pulmonary Trunk with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021L09Q	Bypass Left Ventricle to Right Pulmonary Artery with Autologous Venous Tissue, Open	Procedure	ICD-10-PCS
	Approach		
021L09R	Bypass Left Ventricle to Left Pulmonary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021L0AP	Bypass Left Ventricle to Pulmonary Trunk with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
021L0AQ	Bypass Left Ventricle to Right Pulmonary Artery with Autologous Arterial Tissue, Open	Procedure	ICD-10-PCS
0	Approach		.02 20 . 00
021L0AR	Bypass Left Ventricle to Left Pulmonary Artery with Autologous Arterial Tissue, Open	Procedure	ICD-10-PCS
	Approach		
021L0JP	Bypass Left Ventricle to Pulmonary Trunk with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
021L0JQ	Bypass Left Ventricle to Right Pulmonary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
021L0JR	Bypass Left Ventricle to Left Pulmonary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
021L0KP	Bypass Left Ventricle to Pulmonary Trunk with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
021L0KQ	Bypass Left Ventricle to Right Pulmonary Artery with Nonautologous Tissue Substitute, Open	Procedure	ICD-10-PCS
	Approach		
021L0KR	Bypass Left Ventricle to Left Pulmonary Artery with Nonautologous Tissue Substitute, Open	Procedure	ICD-10-PCS
	Approach		
021L0Z5	Bypass Left Ventricle to Coronary Circulation, Open Approach	Procedure	ICD-10-PCS
021L0Z8	Bypass Left Ventricle to Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
021L0Z9	Bypass Left Ventricle to Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
021L0ZC	Bypass Left Ventricle to Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
021L0ZF	Bypass Left Ventricle to Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
021L0ZP	Bypass Left Ventricle to Pulmonary Trunk, Open Approach	Procedure	ICD-10-PCS
021L0ZQ	Bypass Left Ventricle to Right Pulmonary Artery, Open Approach	Procedure	ICD-10-PCS
021L0ZR	Bypass Left Ventricle to Left Pulmonary Artery, Open Approach	Procedure	ICD-10-PCS
021L48P	Bypass Left Ventricle to Pulmonary Trunk with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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	raseille Characteristics III this nequest	Code	
Code	Description	Category	Code Type
021L48Q	Bypass Left Ventricle to Right Pulmonary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L48R	Bypass Left Ventricle to Left Pulmonary Artery with Zooplastic Tissue, Percutaneous	Procedure	ICD-10-PCS
021L49P	Endoscopic Approach Bypass Left Ventricle to Pulmonary Trunk with Autologous Venous Tissue, Percutaneous	Procedure	ICD-10-PCS
021L49Q	Endoscopic Approach Bypass Left Ventricle to Right Pulmonary Artery with Autologous Venous Tissue,	Procedure	ICD-10-PCS
021L49R	Percutaneous Endoscopic Approach Bypass Left Ventricle to Left Pulmonary Artery with Autologous Venous Tissue, Percutaneous	Procedure	ICD-10-PCS
021L4AP	Endoscopic Approach Bypass Left Ventricle to Pulmonary Trunk with Autologous Arterial Tissue, Percutaneous	Procedure	ICD-10-PCS
021L4AQ	Endoscopic Approach Bypass Left Ventricle to Right Pulmonary Artery with Autologous Arterial Tissue,	Procedure	ICD-10-PCS
021L4AR	Percutaneous Endoscopic Approach Bypass Left Ventricle to Left Pulmonary Artery with Autologous Arterial Tissue, Percutaneous	Procedure	ICD-10-PCS
021L4JP	Endoscopic Approach Bypass Left Ventricle to Pulmonary Trunk with Synthetic Substitute, Percutaneous	Procedure	ICD-10-PCS
021L4JQ	Endoscopic Approach Bypass Left Ventricle to Right Pulmonary Artery with Synthetic Substitute, Percutaneous	Procedure	ICD-10-PCS
021L4JR	Endoscopic Approach Bypass Left Ventricle to Left Pulmonary Artery with Synthetic Substitute, Percutaneous	Procedure	ICD-10-PCS
021L4KP	Endoscopic Approach Bypass Left Ventricle to Pulmonary Trunk with Nonautologous Tissue Substitute,	Procedure	ICD-10-PCS
021L4KQ	Percutaneous Endoscopic Approach Bypass Left Ventricle to Right Pulmonary Artery with Nonautologous Tissue Substitute,	Procedure	ICD-10-PCS
021L4KR	Percutaneous Endoscopic Approach Bypass Left Ventricle to Left Pulmonary Artery with Nonautologous Tissue Substitute,	Procedure	ICD-10-PCS
021L4Z5	Percutaneous Endoscopic Approach Bypass Left Ventricle to Coronary Circulation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4Z3	Bypass Left Ventricle to Coronary Circulation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4Z9	Bypass Left Ventricle to Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZC	Bypass Left Ventricle to Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZF	Bypass Left Ventricle to Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZP	Bypass Left Ventricle to Pulmonary Trunk, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZQ	Bypass Left Ventricle to Right Pulmonary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZR	Bypass Left Ventricle to Left Pulmonary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0270046	Dilation of Coronary Artery, One Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
027004Z	Dilation of Coronary Artery, One Artery with Drug-eluting Intraluminal Device, Open	Procedure	ICD-10-PCS
0270056	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027005Z	Dilation of Coronary Artery, One Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS

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	raseille Characteristics III this nequest	Code	
Code	Description	Category	Code Type
0270066	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027006Z	Dilation of Coronary Artery, One Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0270076	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027007Z	Dilation of Coronary Artery, One Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700D6	Dilation of Coronary Artery, One Artery, Bifurcation, with Intraluminal Device, Open	Procedure	ICD-10-PCS
02700DZ	Dilation of Coronary Artery, One Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02700E6	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700EZ	Dilation of Coronary Artery, One Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700F6	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700FZ	Dilation of Coronary Artery, One Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700G6	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700GZ	Dilation of Coronary Artery, One Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700T6	Dilation of Coronary Artery, One Artery, Bifurcation, with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02700TZ	Dilation of Coronary Artery, One Artery with Radioactive Intraluminal Device, Open	Procedure	ICD-10-PCS
02700Z6	Dilation of Coronary Artery, One Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02700ZZ	Dilation of Coronary Artery, One Artery, Open Approach	Procedure	ICD-10-PCS
0270346	Dilation of Coronary Artery, One Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
027034Z	Dilation of Coronary Artery, One Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0270356	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027035Z	Dilation of Coronary Artery, One Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0270366	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027036Z	Dilation of Coronary Artery, One Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0270376	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027037Z	Dilation of Coronary Artery, One Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02703D6	Dilation of Coronary Artery, One Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
02703DZ	Dilation of Coronary Artery, One Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02703E6	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Intraluminal Devices,	Procedure	ICD-10-PCS
	Percutaneous Approach		
02703EZ	Dilation of Coronary Artery, One Artery with Two Intraluminal Devices, Percutaneous	Procedure	ICD-10-PCS
	Approach		
02703F6	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02703FZ	Dilation of Coronary Artery, One Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02703G6	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02703GZ	Dilation of Coronary Artery, One Artery with Four or More Intraluminal Devices,	Procedure	ICD-10-PCS
02703T6	Percutaneous Approach Dilation of Coronary Artery, One Artery, Bifurcation, with Radioactive Intraluminal Device,	Procedure	ICD-10-PCS
	Percutaneous Approach		
02703TZ	Dilation of Coronary Artery, One Artery with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02703Z6	Dilation of Coronary Artery, One Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
02703ZZ	Dilation of Coronary Artery, One Artery, Percutaneous Approach	Procedure	ICD-10-PCS
0270446	Dilation of Coronary Artery, One Artery, Bifurcation, with Drug-eluting Intraluminal Device,	Procedure	ICD-10-PCS
027044Z	Percutaneous Endoscopic Approach Dilation of Coronary Artery, One Artery with Drug-eluting Intraluminal Device, Percutaneous	Procedure	ICD-10-PCS
0270442	Endoscopic Approach	rroccuure	100 101 05
0270456	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027045Z	Dilation of Coronary Artery, One Artery with Two Drug-eluting Intraluminal Devices,	Procedure	ICD-10-PCS
0270466	Percutaneous Endoscopic Approach	Dan en de con	ICD 40 DCC
0270466	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027046Z	Dilation of Coronary Artery, One Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0270476	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Drug-eluting	Procedure	ICD-10-PCS
0270477	Intraluminal Devices, Percutaneous Endoscopic Approach Dilation of Coronary Artony, One Artony with Four or More Pring pluting Intraluminal Povices	Dracadura	ICD 10 DCS
027047Z	Dilation of Coronary Artery, One Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704D6	Dilation of Coronary Artery, One Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704DZ	Dilation of Coronary Artery, One Artery with Intraluminal Device, Percutaneous Endoscopic	Procedure	ICD-10-PCS
0270456	Approach	Due es de es	ICD 10 DCC
02704E6	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704EZ	Dilation of Coronary Artery, One Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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	aseine Characteristics in this nequest	Code	
Code	Description	Category	Code Type
02704F6	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704FZ	Dilation of Coronary Artery, One Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704G6	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704GZ	Dilation of Coronary Artery, One Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704T6	Dilation of Coronary Artery, One Artery, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704TZ	Dilation of Coronary Artery, One Artery with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704Z6	Dilation of Coronary Artery, One Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704ZZ	Dilation of Coronary Artery, One Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0271046	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
027104Z	Dilation of Coronary Artery, Two Arteries with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0271056	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027105Z	Dilation of Coronary Artery, Two Arteries with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0271066	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027106Z	Dilation of Coronary Artery, Two Arteries with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0271076	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027107Z	Dilation of Coronary Artery, Two Arteries with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710D6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02710DZ	Dilation of Coronary Artery, Two Arteries with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02710E6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710EZ	Dilation of Coronary Artery, Two Arteries with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710F6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710FZ	Dilation of Coronary Artery, Two Arteries with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710G6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710GZ	Dilation of Coronary Artery, Two Arteries with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
02710T6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Radioactive Intraluminal Device,	Procedure	ICD-10-PCS
	Open Approach		
02710TZ	Dilation of Coronary Artery, Two Arteries with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02710Z6	Dilation of Coronary Artery, Two Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02710ZZ	Dilation of Coronary Artery, Two Arteries, Open Approach	Procedure	ICD-10-PCS
0271346	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
027134Z	Dilation of Coronary Artery, Two Arteries with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0271356	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027135Z	Dilation of Coronary Artery, Two Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0271366	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027136Z	Dilation of Coronary Artery, Two Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0271376	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027137Z	Dilation of Coronary Artery, Two Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713D6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02713DZ	Dilation of Coronary Artery, Two Arteries with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02713E6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713EZ	Dilation of Coronary Artery, Two Arteries with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713F6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713FZ	Dilation of Coronary Artery, Two Arteries with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713G6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713GZ	Dilation of Coronary Artery, Two Arteries with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713T6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02713TZ	Dilation of Coronary Artery, Two Arteries with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02713Z6	Dilation of Coronary Artery, Two Arteries, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
02713ZZ	Dilation of Coronary Artery, Two Arteries, Percutaneous Approach	Procedure	ICD-10-PCS

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	·	Code	
Code	Description	Category	Code Type
0271446	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027144Z	Dilation of Coronary Artery, Two Arteries with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0271456	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027145Z	Dilation of Coronary Artery, Two Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0271466	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027146Z	Dilation of Coronary Artery, Two Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0271476	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027147Z	Dilation of Coronary Artery, Two Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714D6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714DZ	Dilation of Coronary Artery, Two Arteries with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714E6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714EZ	Dilation of Coronary Artery, Two Arteries with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714F6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714FZ	Dilation of Coronary Artery, Two Arteries with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714G6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714GZ	Dilation of Coronary Artery, Two Arteries with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714T6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714TZ	Dilation of Coronary Artery, Two Arteries with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714Z6	Dilation of Coronary Artery, Two Arteries, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714ZZ	Dilation of Coronary Artery, Two Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0272046	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
027204Z	Dilation of Coronary Artery, Three Arteries with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
0272056	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Drug-eluting Intraluminal	Procedure	ICD-10-PCS
	Devices, Open Approach		
027205Z	Dilation of Coronary Artery, Three Arteries with Two Drug-eluting Intraluminal Devices,	Procedure	ICD-10-PCS
0070066	Open Approach		100 10 000
0272066	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Drug-eluting Intraluminal	Procedure	ICD-10-PCS
027206Z	Devices, Open Approach Dilation of Coronary Artery, Three Arteries with Three Drug-eluting Intraluminal Devices,	Procedure	ICD-10-PCS
0272002	Open Approach	riocedule	ICD-10-PC3
0272076	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Drug-eluting	Procedure	ICD-10-PCS
0272070	Intraluminal Devices, Open Approach		.02 20 . 00
027207Z	Dilation of Coronary Artery, Three Arteries with Four or More Drug-eluting Intraluminal	Procedure	ICD-10-PCS
	Devices, Open Approach		
02720D6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Intraluminal Device, Open	Procedure	ICD-10-PCS
	Approach		
02720DZ	Dilation of Coronary Artery, Three Arteries with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02720E6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Intraluminal Devices, Open	Procedure	ICD-10-PCS
0272057	Approach	Dunanduun	ICD 10 DCC
02720EZ 02720F6	Dilation of Coronary Artery, Three Arteries with Two Intraluminal Devices, Open Approach Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Intraluminal Devices,	Procedure Procedure	ICD-10-PCS ICD-10-PCS
02720F0	Open Approach	Procedure	ICD-10-PC3
02720FZ	Dilation of Coronary Artery, Three Arteries with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720G6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Intraluminal	Procedure	ICD-10-PCS
	Devices, Open Approach		
02720GZ	Dilation of Coronary Artery, Three Arteries with Four or More Intraluminal Devices, Open	Procedure	ICD-10-PCS
	Approach		
02720T6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Radioactive Intraluminal	Procedure	ICD-10-PCS
	Device, Open Approach		
02720TZ	Dilation of Coronary Artery, Three Arteries with Radioactive Intraluminal Device, Open	Procedure	ICD-10-PCS
02720Z6	Approach Dilation of Coronary Artery, Three Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02720Z8 02720ZZ	Dilation of Coronary Artery, Three Arteries, Open Approach	Procedure	ICD-10-PCS
0272346	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Drug-eluting Intraluminal	Procedure	ICD-10-PCS
02/2010	Device, Percutaneous Approach		.02 20 . 00
027234Z	Dilation of Coronary Artery, Three Arteries with Drug-eluting Intraluminal Device,	Procedure	ICD-10-PCS
	Percutaneous Approach		
0272356	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Drug-eluting Intraluminal	Procedure	ICD-10-PCS
	Devices, Percutaneous Approach		
027235Z	Dilation of Coronary Artery, Three Arteries with Two Drug-eluting Intraluminal Devices,	Procedure	ICD-10-PCS
0070066	Percutaneous Approach		100 10 000
0272366	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Drug-eluting Intraluminal	Procedure	ICD-10-PCS
027236Z	Devices, Percutaneous Approach Dilation of Coronary Artery, Three Arteries with Three Drug-eluting Intraluminal Devices,	Procedure	ICD-10-PCS
0212302	Percutaneous Approach	riocedure	ICD-T0-LC3
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		Code	
Code	Description	Category	Code Type
0272376	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027237Z	Dilation of Coronary Artery, Three Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723D6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02723DZ	Dilation of Coronary Artery, Three Arteries with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02723E6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723EZ	Dilation of Coronary Artery, Three Arteries with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723F6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723FZ	Dilation of Coronary Artery, Three Arteries with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723G6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723GZ	Dilation of Coronary Artery, Three Arteries with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723T6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02723TZ	Dilation of Coronary Artery, Three Arteries with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02723Z6	Dilation of Coronary Artery, Three Arteries, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
02723ZZ	Dilation of Coronary Artery, Three Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
0272446	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027244Z	Dilation of Coronary Artery, Three Arteries with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0272456	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027245Z	Dilation of Coronary Artery, Three Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0272466	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027246Z	Dilation of Coronary Artery, Three Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0272476	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027247Z	Dilation of Coronary Artery, Three Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724D6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Category	Code Type
02724DZ	Dilation of Coronary Artery, Three Arteries with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724E6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724EZ	Dilation of Coronary Artery, Three Arteries with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724F6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724FZ	Dilation of Coronary Artery, Three Arteries with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724G6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724GZ	Dilation of Coronary Artery, Three Arteries with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724T6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724TZ	Dilation of Coronary Artery, Three Arteries with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724Z6	Dilation of Coronary Artery, Three Arteries, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724ZZ	Dilation of Coronary Artery, Three Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0273046	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
027304Z	Dilation of Coronary Artery, Four or More Arteries with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0273056	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027305Z	Dilation of Coronary Artery, Four or More Arteries with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0273066	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027306Z	Dilation of Coronary Artery, Four or More Arteries with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0273076	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More Drug- eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027307Z	Dilation of Coronary Artery, Four or More Arteries with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730D6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02730DZ	Dilation of Coronary Artery, Four or More Arteries with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02730E6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730EZ	Dilation of Coronary Artery, Four or More Arteries with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS

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	·	Code	
Code	Description	Category	Code Type
02730F6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Intraluminal	Procedure	ICD-10-PCS
	Devices, Open Approach		
02730FZ	Dilation of Coronary Artery, Four or More Arteries with Three Intraluminal Devices, Open	Procedure	ICD-10-PCS
0272006	Approach Pilotion of Coronary Artery Four or More Arteries Diffusertion, with Four or More	Dragadura	ICD 10 DCC
02730G6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730GZ	Dilation of Coronary Artery, Four or More Arteries with Four or More Intraluminal Devices,	Procedure	ICD-10-PCS
	Open Approach		
02730T6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Radioactive Intraluminal	Procedure	ICD-10-PCS
	Device, Open Approach		
02730TZ	Dilation of Coronary Artery, Four or More Arteries with Radioactive Intraluminal Device,	Procedure	ICD-10-PCS
	Open Approach		
02730Z6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02730ZZ	Dilation of Coronary Artery, Four or More Arteries, Open Approach	Procedure	ICD-10-PCS
0273346	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Drug-eluting	Procedure	ICD-10-PCS
	Intraluminal Device, Percutaneous Approach		
027334Z	Dilation of Coronary Artery, Four or More Arteries with Drug-eluting Intraluminal Device,	Procedure	ICD-10-PCS
0272256	Percutaneous Approach	Dunanduun	ICD 10 DCC
0273356	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027335Z	Dilation of Coronary Artery, Four or More Arteries with Two Drug-eluting Intraluminal	Procedure	ICD-10-PCS
0273332	Devices, Percutaneous Approach	riocedure	ICD-10-1 C3
0273366	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Drug-eluting	Procedure	ICD-10-PCS
	Intraluminal Devices, Percutaneous Approach		
027336Z	Dilation of Coronary Artery, Four or More Arteries with Three Drug-eluting Intraluminal	Procedure	ICD-10-PCS
	Devices, Percutaneous Approach		
0273376	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More Drug-	Procedure	ICD-10-PCS
	eluting Intraluminal Devices, Percutaneous Approach		
027337Z	Dilation of Coronary Artery, Four or More Arteries with Four or More Drug-eluting	Procedure	ICD-10-PCS
	Intraluminal Devices, Percutaneous Approach		
02733D6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Intraluminal Device,	Procedure	ICD-10-PCS
	Percutaneous Approach		
02733DZ	Dilation of Coronary Artery, Four or More Arteries with Intraluminal Device, Percutaneous	Procedure	ICD-10-PCS
0272256	Approach		160 40 066
02733E6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Intraluminal	Procedure	ICD-10-PCS
0272257	Devices, Percutaneous Approach	Dunanduun	ICD 10 DCC
02733EZ	Dilation of Coronary Artery, Four or More Arteries with Two Intraluminal Devices,	Procedure	ICD-10-PCS
02733F6	Percutaneous Approach Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Intraluminal	Procedure	ICD-10-PCS
02/33FU	Devices, Percutaneous Approach	riocedure	ICD-10-LC3
02733FZ	Dilation of Coronary Artery, Four or More Arteries with Three Intraluminal Devices,	Procedure	ICD-10-PCS
-	Percutaneous Approach		
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	·	Code	
Code	Description	Category	Code Type
02733G6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More	Procedure	ICD-10-PCS
	Intraluminal Devices, Percutaneous Approach		
02733GZ	Dilation of Coronary Artery, Four or More Arteries with Four or More Intraluminal Devices,	Procedure	ICD-10-PCS
	Percutaneous Approach		
02733T6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Radioactive Intraluminal	Procedure	ICD-10-PCS
	Device, Percutaneous Approach		
02733TZ	Dilation of Coronary Artery, Four or More Arteries with Radioactive Intraluminal Device,	Procedure	ICD-10-PCS
	Percutaneous Approach		
02733Z6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
02733ZZ	Dilation of Coronary Artery, Four or More Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
0273446	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Drug-eluting	Procedure	ICD-10-PCS
	Intraluminal Device, Percutaneous Endoscopic Approach		
027344Z	Dilation of Coronary Artery, Four or More Arteries with Drug-eluting Intraluminal Device,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
0273456	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Drug-eluting	Procedure	ICD-10-PCS
	Intraluminal Devices, Percutaneous Endoscopic Approach		
027345Z	Dilation of Coronary Artery, Four or More Arteries with Two Drug-eluting Intraluminal	Procedure	ICD-10-PCS
	Devices, Percutaneous Endoscopic Approach		
0273466	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Drug-eluting	Procedure	ICD-10-PCS
	Intraluminal Devices, Percutaneous Endoscopic Approach		
027346Z	Dilation of Coronary Artery, Four or More Arteries with Three Drug-eluting Intraluminal	Procedure	ICD-10-PCS
0070476	Devices, Percutaneous Endoscopic Approach		100 10 000
0273476	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More Drug-	Procedure	ICD-10-PCS
0070477	eluting Intraluminal Devices, Percutaneous Endoscopic Approach		100 10 000
027347Z	Dilation of Coronary Artery, Four or More Arteries with Four or More Drug-eluting	Procedure	ICD-10-PCS
0272456	Intraluminal Devices, Percutaneous Endoscopic Approach		100 40 000
02734D6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Intraluminal Device,	Procedure	ICD-10-PCS
0272407	Percutaneous Endoscopic Approach	Duagadiina	ICD 10 DCC
02734DZ	Dilation of Coronary Artery, Four or More Arteries with Intraluminal Device, Percutaneous	Procedure	ICD-10-PCS
02734E6	Endoscopic Approach Pilotion of Coronary Artery, Four or More Arteries, Diffusestion, with Two Introluminal	Procedure	ICD-10-PCS
U2/34E0	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Intraluminal	Procedure	ICD-10-PC3
0272457	Devices, Percutaneous Endoscopic Approach Dilation of Coronary Artory - Four or Mars Artories with Two Introluminal Devices	Dragodura	ICD-10-PCS
02734EZ	Dilation of Coronary Artery, Four or More Arteries with Two Intraluminal Devices,	Procedure	ICD-10-PC3
0272456	Percutaneous Endoscopic Approach Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Intraluminal	Dracadura	ICD 10 DCS
02734F6	Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734FZ	Dilation of Coronary Artery, Four or More Arteries with Three Intraluminal Devices,	Procedure	ICD-10-PCS
02/34/2	Percutaneous Endoscopic Approach	riocedule	ICD-10-PC3
02734G6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More	Procedure	ICD-10-PCS
02/3400	Intraluminal Devices, Percutaneous Endoscopic Approach	rocedure	1CD-10-LC3
02734GZ	Dilation of Coronary Artery, Four or More Arteries with Four or More Intraluminal Devices,	Procedure	ICD-10-PCS
02/0402	Percutaneous Endoscopic Approach	Toccaute	100 101 03
	i creataneous Endoscopie Approach		

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	·	Code	
Code	Description	Category	Code Type
02734T6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Radioactive Intraluminal	Procedure	ICD-10-PCS
	Device, Percutaneous Endoscopic Approach		
02734TZ	Dilation of Coronary Artery, Four or More Arteries with Radioactive Intraluminal Device,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
02734Z6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
02734ZZ	Dilation of Coronary Artery, Four or More Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02C00Z6	Extirpation of Matter from Coronary Artery, One Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02C00ZZ	Extirpation of Matter from Coronary Artery, One Artery, Open Approach	Procedure	ICD-10-PCS
02C03Z6	Extirpation of Matter from Coronary Artery, One Artery, Bifurcation, Percutaneous	Procedure	ICD-10-PCS
02C03ZZ	Extirpation of Matter from Coronary Artery, One Artery, Percutaneous Approach	Procedure	ICD-10-PCS
02C04Z6	Extirpation of Matter from Coronary Artery, One Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02C04ZZ	Extirpation of Matter from Coronary Artery, One Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02C10Z6	Extirpation of Matter from Coronary Artery, Two Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02C10ZZ	Extirpation of Matter from Coronary Artery, Two Arteries, Open Approach	Procedure	ICD-10-PCS
02C13Z6	Extirpation of Matter from Coronary Artery, Two Arteries, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
02C13ZZ	Extirpation of Matter from Coronary Artery, Two Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
02C14Z6	Extirpation of Matter from Coronary Artery, Two Arteries, Bifurcation, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
02C14ZZ	Extirpation of Matter from Coronary Artery, Two Arteries, Percutaneous Endoscopic	Procedure	ICD-10-PCS
02C20Z6	Extirpation of Matter from Coronary Artery, Three Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02C20ZZ	Extirpation of Matter from Coronary Artery, Three Arteries, Open Approach	Procedure	ICD-10-PCS
02C23Z6	Extirpation of Matter from Coronary Artery, Three Arteries, Bifurcation, Percutaneous	Procedure	ICD-10-PCS
	Approach		
02C23ZZ	Extirpation of Matter from Coronary Artery, Three Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
02C24Z6	Extirpation of Matter from Coronary Artery, Three Arteries, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02C24ZZ	Extirpation of Matter from Coronary Artery, Three Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02C30Z6	Extirpation of Matter from Coronary Artery, Four or More Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02C30ZZ	Extirpation of Matter from Coronary Artery, Four or More Arteries, Open Approach	Procedure	ICD-10-PCS
02C33Z6	Extirpation of Matter from Coronary Artery, Four or More Arteries, Bifurcation,	Procedure	ICD-10-PCS
	Percutaneous Approach		
02C33ZZ	Extirpation of Matter from Coronary Artery, Four or More Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
02C34Z6	Extirpation of Matter from Coronary Artery, Four or More Arteries, Bifurcation,	Procedure	ICD-10-PCS
	Percutaneous Endoscopic Approach		
02C34ZZ	Extirpation of Matter from Coronary Artery, Four or More Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02QA0ZZ	Repair Heart, Open Approach	Procedure	ICD-10-PCS
02QA3ZZ	Repair Heart, Percutaneous Approach	Procedure	ICD-10-PCS

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	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
02QA4ZZ	Repair Heart, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02QB0ZZ	Repair Right Heart, Open Approach	Procedure	ICD-10-PCS
02QB3ZZ	Repair Right Heart, Percutaneous Approach	Procedure	ICD-10-PCS
02QB4ZZ	Repair Right Heart, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02QC0ZZ	Repair Left Heart, Open Approach	Procedure	ICD-10-PCS
02QC3ZZ	Repair Left Heart, Percutaneous Approach	Procedure	ICD-10-PCS
02QC4ZZ	Repair Left Heart, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
3E07017	Introduction of Other Thrombolytic into Coronary Artery, Open Approach	Procedure	ICD-10-PCS
3E070PZ	Introduction of Platelet Inhibitor into Coronary Artery, Open Approach	Procedure	ICD-10-PCS
3E07317	Introduction of Other Thrombolytic into Coronary Artery, Percutaneous Approach	Procedure	ICD-10-PCS
3E073PZ	Introduction of Platelet Inhibitor into Coronary Artery, Percutaneous Approach	Procedure	ICD-10-PCS
00567	Anesthesia for direct coronary artery bypass grafting; with pump oxygenator	Procedure	ICD-10-PCS
35600	Harvest of upper extremity artery, 1 segment, for coronary artery bypass procedure (List	Procedure	ICD-10-PCS
	separately in addition to code for primary procedure)		
93455	Catheter placement in coronary artery(s) for coronary angiography, including	Procedure	ICD-10-PCS
	intraprocedural injection(s) for coronary angiography, imaging supervision and		
	interpretation; with catheter placement(s) in bypass graft(s) (internal mammary, free		
	arterial, venous grafts) including intraprocedural injection(s) for bypass graft angiography		
93457	Catheter placement in coronary artery(s) for coronary angiography, including	Procedure	ICD-10-PCS
	intraprocedural injection(s) for coronary angiography, imaging supervision and		
	interpretation; with catheter placement(s) in bypass graft(s) (internal mammary, free		
	arterial, venous grafts) including intraprocedural injection(s) for bypass graft angiography		
93459	Catheter placement in coronary artery(s) for coronary angiography, including	Procedure	ICD-10-PCS
	intraprocedural injection(s) for coronary angiography, imaging supervision and		
	interpretation; with left heart catheterization including intraprocedural injection(s) for left		
	ventriculography, when performed, catheter placement(s) in bypass graft(s) (internal		
	mammary, free arterial, venous grafts) with bypass graft angiography		
93461	Catheter placement in coronary artery(s) for coronary angiography, including	Procedure	ICD-10-PCS
	intraprocedural injection(s) for coronary angiography, imaging supervision and		
	interpretation; with right and left heart catheterization including intraprocedural injection(s)		
	for left ventriculography, when performed, catheter placement(s) in bypass graft(s) (internal		
	mammary, free arterial, venous grafts) with bypass graft angiography		
93508	Catheter placement in coronary artery(s), arterial coronary conduit(s), and/or venous	Procedure	ICD-10-PCS
	coronary bypass graft(s) for coronary angiography without concomitant left heart		
	catheterization		
93556	Imaging supervision, interpretation and report for injection procedure(s) during cardiac	Procedure	ICD-10-PCS
	catheterization; pulmonary angiography, aortography, and/or selective coronary		
	angiography including venous bypass grafts and arterial conduits (whether native or used in		
100 5	Heart failure		
402.01	Malignant hypertensive heart disease with heart failure	Diagnosis	ICD-9-CM
402.11	Benign hypertensive heart disease with heart failure	Diagnosis	ICD-9-CM
402.91	Hypertensive heart disease, unspecified, with heart failure	Diagnosis	ICD-9-CM

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		Code	
Code	Description	Category	Code Type
404.01	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	Diagnosis	ICD-9-CM
404.03	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage V or end stage renal disease	Diagnosis	ICD-9-CM
404.11	Hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	Diagnosis	ICD-9-CM
404.13	Hypertensive heart and chronic kidney disease, benign, with heart failure and chronic kidney disease stage V or end stage renal disease	Diagnosis	ICD-9-CM
404.91	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	Diagnosis	ICD-9-CM
404.93	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and chronic kidney disease stage V or end stage renal disease	Diagnosis	ICD-9-CM
428	Heart failure	Diagnosis	ICD-9-CM
428.0	Congestive heart failure, unspecified	Diagnosis	ICD-9-CM
428.1	Left heart failure	Diagnosis	ICD-9-CM
428.2	Systolic heart failure	Diagnosis	ICD-9-CM
428.20	Unspecified systolic heart failure	Diagnosis	ICD-9-CM
428.21	Acute systolic heart failure	Diagnosis	ICD-9-CM
428.22	Chronic systolic heart failure	Diagnosis	ICD-9-CM
428.23	Acute on chronic systolic heart failure	Diagnosis	ICD-9-CM
428.3	Diastolic heart failure	Diagnosis	ICD-9-CM
428.30	Unspecified diastolic heart failure	Diagnosis	ICD-9-CM
428.31	Acute diastolic heart failure	Diagnosis	ICD-9-CM
428.32	Chronic diastolic heart failure	Diagnosis	ICD-9-CM
428.33	Acute on chronic diastolic heart failure	Diagnosis	ICD-9-CM
428.4	Combined systolic and diastolic heart failure	Diagnosis	ICD-9-CM
428.40	Unspecified combined systolic and diastolic heart failure	Diagnosis	ICD-9-CM
428.41	Acute combined systolic and diastolic heart failure	Diagnosis	ICD-9-CM
428.42	Chronic combined systolic and diastolic heart failure	Diagnosis	ICD-9-CM
428.43	Acute on chronic combined systolic and diastolic heart failure	Diagnosis	ICD-9-CM
428.9	Unspecified heart failure	Diagnosis	ICD-9-CM
37.66	Insertion of implantable heart assist system	Procedure	ICD-9-CM
33980	Removal of ventricular assist device, implantable intracorporeal, single ventricle	Procedure	CPT-4
92970	Cardioassist-method of circulatory assist; internal	Procedure	CPT-4
92971	Cardioassist-method of circulatory assist; external	Procedure	CPT-4
G8027	Heart failure patient with left ventricular systolic dysfunction (LVSD) documented to be on either angiotensin-converting enzyme-inhibitor or angiotensin-receptor blocker (ACE-1 or ARB) therapy	Procedure	HCPCS
G8028	Heart failure patient with left ventricular systolic dysfunction (LVSD) not documented to be on either angiotensin-converting enzyme-inhibitor or angiotensin-receptor blocker (ACE-1 or ARB) therapy	Procedure	HCPCS

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	aseinie Characteristics in this nequest	Code	
Code	Description	Category	Code Type
G8029	Clinician documented that heart failure patient was not an eligible candidate for either	Procedure	HCPCS
	angiotensin-converting enzyme-inhibitor or angiotensin-receptor blocker (ACE-1 or ARB)		
	therapy measure		
G8030	Heart failure patient with left ventricular systolic dysfunction (LVSD) documented to be on	Procedure	HCPCS
	beta-blocker therapy		
G8031	Heart failure patient with left ventricular systolic dysfunction (LVSD) not documented to be on beta-blocker therapy	Procedure	HCPCS
G8032	Clinician documented that heart failure patient was not eligible candidate for beta-blocker	Procedure	HCPCS
	therapy measure		
G8184	Clinician documented that patient with heart failure and atrial fibrillation was not an eligible	Procedure	HCPCS
	candidate for warfarin therapy measure		
I11.0	Hypertensive heart disease with heart failure	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage	Diagnosis	ICD-10-CM
	4 chronic kidney disease, or unspecified chronic kidney disease		
113.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic	Diagnosis	ICD-10-CM
	kidney disease, or end stage renal disease		
150.1	Left ventricular failure, unspecified	Diagnosis	ICD-10-CM
150.20	Unspecified systolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.21	Acute systolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.22	Chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.23	Acute on chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.30	Unspecified diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.31	Acute diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.32	Chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.33	Acute on chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.810	Right heart failure, unspecified	Diagnosis	ICD-10-CM
150.811	Acute right heart failure	Diagnosis	ICD-10-CM
150.812	Chronic right heart failure	Diagnosis	ICD-10-CM
150.813	Acute on chronic right heart failure	Diagnosis	ICD-10-CM
150.814	Right heart failure due to left heart failure	Diagnosis	ICD-10-CM
150.82	Biventricular heart failure	Diagnosis	ICD-10-CM
150.83	High output heart failure	Diagnosis	ICD-10-CM
150.84	End stage heart failure	Diagnosis	ICD-10-CM
150.89	Other heart failure	Diagnosis	ICD-10-CM
150.9	Heart failure, unspecified	Diagnosis	ICD-10-CM
02HA0QZ	Insertion of Implantable Heart Assist System into Heart, Open Approach	Procedure	ICD-10-PCS
02HA3QZ	Insertion of Implantable Heart Assist System into Heart, Percutaneous Approach	Procedure	ICD-10-PCS
02HA4QZ	Insertion of Implantable Heart Assist System into Heart, Percutaneous Endoscopic Approach		ICD-10-PCS
G8183	Patient with heart failure and atrial fibrillation documented to be on warfarin therapy	Procedure	HCPCS

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		Code	
Code	Description	Category	Code Type
58184	Clinician documented that patient with heart failure and atrial fibrillation was not an eligible	Procedure	HCPCS
	candidate for warfarin therapy measure		
102.01	Malignant hypertensive heart disease with heart failure	Diagnosis	ICD-9-CM
102.11	Benign hypertensive heart disease with heart failure	Diagnosis	ICD-9-CM
02.91	Hypertensive heart disease, unspecified, with heart failure	Diagnosis	ICD-9-CM
104.01	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	Diagnosis	ICD-9-CM
04.03	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage V or end stage renal disease	Diagnosis	ICD-9-CM
04.11	Hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	Diagnosis	ICD-9-CM
04.13	Hypertensive heart and chronic kidney disease, benign, with heart failure and chronic kidney disease stage V or end stage renal disease	Diagnosis	ICD-9-CM
104.91	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	Diagnosis	ICD-9-CM
04.93	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and chronic kidney disease stage V or end stage renal disease	Diagnosis	ICD-9-CM
128	Heart failure	Diagnosis	ICD-9-CM
28.0	Congestive heart failure, unspecified	Diagnosis	ICD-9-CM
28.1	Left heart failure	Diagnosis	ICD-9-CM
28.2	Systolic heart failure	Diagnosis	ICD-9-CM
28.20	Unspecified systolic heart failure	Diagnosis	ICD-9-CM
28.21	Acute systolic heart failure	Diagnosis	ICD-9-CM
28.22	Chronic systolic heart failure	Diagnosis	ICD-9-CM
28.23	Acute on chronic systolic heart failure	Diagnosis	ICD-9-CM
28.3	Diastolic heart failure	Diagnosis	ICD-9-CM
28.30	Unspecified diastolic heart failure	Diagnosis	ICD-9-CM
28.31	Acute diastolic heart failure	Diagnosis	ICD-9-CM
28.32	Chronic diastolic heart failure	Diagnosis	ICD-9-CM
28.33	Acute on chronic diastolic heart failure	Diagnosis	ICD-9-CM
28.4	Combined systolic and diastolic heart failure	Diagnosis	ICD-9-CM
28.40	Unspecified combined systolic and diastolic heart failure	Diagnosis	ICD-9-CM
28.41	Acute combined systolic and diastolic heart failure	Diagnosis	ICD-9-CM
28.42	Chronic combined systolic and diastolic heart failure	Diagnosis	ICD-9-CM
28.43	Acute on chronic combined systolic and diastolic heart failure	Diagnosis	ICD-9-CM
28.9	Unspecified heart failure	Diagnosis	ICD-9-CM
7.66	Insertion of implantable heart assist system	Procedure	ICD-9-CM
3980	Removal of ventricular assist device, implantable intracorporeal, single ventricle	Procedure	CPT-4
2970	Cardioassist-method of circulatory assist; internal	Procedure	CPT-4
2971	Cardioassist-method of circulatory assist; external	Procedure	CPT-4
G8027	Heart failure patient with left ventricular systolic dysfunction (LVSD) documented to be on either angiotensin-converting enzyme-inhibitor or angiotensin-receptor blocker (ACE-1 or ARB) therapy	Procedure	HCPCS

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	dasenne Characteristics in this nequest	Code	
Code	Description	Category	Code Type
G8028	Heart failure patient with left ventricular systolic dysfunction (LVSD) not documented to be on either angiotensin-converting enzyme-inhibitor or angiotensin-receptor blocker (ACE-1 or ARB) therapy	Procedure	HCPCS
G8029	Clinician documented that heart failure patient was not an eligible candidate for either angiotensin-converting enzyme-inhibitor or angiotensin-receptor blocker (ACE-1 or ARB) therapy measure	Procedure	HCPCS
G8030	Heart failure patient with left ventricular systolic dysfunction (LVSD) documented to be on beta-blocker therapy	Procedure	HCPCS
G8031	Heart failure patient with left ventricular systolic dysfunction (LVSD) not documented to be on beta-blocker therapy	Procedure	HCPCS
G8032	Clinician documented that heart failure patient was not eligible candidate for beta-blocker therapy measure	Procedure	HCPCS
G8184	Clinician documented that patient with heart failure and atrial fibrillation was not an eligible candidate for warfarin therapy measure	Procedure	HCPCS
I11.0	Hypertensive heart disease with heart failure	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
150.1	Left ventricular failure, unspecified	Diagnosis	ICD-10-CM
150.20	Unspecified systolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.21	Acute systolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.22	Chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.23	Acute on chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.30	Unspecified diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.31	Acute diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.32	Chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.33	Acute on chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
150.810	Right heart failure, unspecified	Diagnosis	ICD-10-CM
150.811	Acute right heart failure	Diagnosis	ICD-10-CM
150.812	Chronic right heart failure	Diagnosis	ICD-10-CM
150.813	Acute on chronic right heart failure	Diagnosis	ICD-10-CM
150.814	Right heart failure due to left heart failure	Diagnosis	ICD-10-CM
150.82	Biventricular heart failure	Diagnosis	ICD-10-CM
150.83	High output heart failure	Diagnosis	ICD-10-CM
150.84	End stage heart failure	Diagnosis	ICD-10-CM
150.89	Other heart failure	Diagnosis	ICD-10-CM
150.9	Heart failure, unspecified	Diagnosis	ICD-10-CM
02HA0QZ	Insertion of Implantable Heart Assist System into Heart, Open Approach	Procedure	ICD-10-PCS

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	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
02HA3QZ	Insertion of Implantable Heart Assist System into Heart, Percutaneous Approach	Procedure	ICD-10-PCS
02HA4QZ	Insertion of Implantable Heart Assist System into Heart, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
G8183	Patient with heart failure and atrial fibrillation documented to be on warfarin therapy	Procedure	HCPCS
G8184	Clinician documented that patient with heart failure and atrial fibrillation was not an eligible	Procedure	HCPCS
	candidate for warfarin therapy measure		
G8681	Patient hospitalized with principal diagnosis of heart failure during the measurement period	Procedure	HCPCS
	Other ischemic heart disease		
411	Other acute and subacute forms of ischemic heart disease	Diagnosis	ICD-9-CM
411.0	Postmyocardial infarction syndrome	Diagnosis	ICD-9-CM
411.1	Intermediate coronary syndrome	Diagnosis	ICD-9-CM
411.8	Other acute and subacute forms of ischemic heart disease	Diagnosis	ICD-9-CM
411.81	Acute coronary occlusion without myocardial infarction	Diagnosis	ICD-9-CM
411.89	Other acute and subacute form of ischemic heart disease	Diagnosis	ICD-9-CM
413	Angina pectoris	Diagnosis	ICD-9-CM
413.0	Angina decubitus	Diagnosis	ICD-9-CM
413.1	Prinzmetal angina	Diagnosis	ICD-9-CM
413.9	Other and unspecified angina pectoris	Diagnosis	ICD-9-CM
414	Other forms of chronic ischemic heart disease	Diagnosis	ICD-9-CM
414.0	Coronary atherosclerosis	Diagnosis	ICD-9-CM
414.00	Coronary atherosclerosis of unspecified type of vessel, native or graft	Diagnosis	ICD-9-CM
414.01	Coronary atherosclerosis of native coronary artery	Diagnosis	ICD-9-CM
414.02	Coronary atherosclerosis of autologous vein bypass graft	Diagnosis	ICD-9-CM
414.03	Coronary atherosclerosis of nonautologous biological bypass graft	Diagnosis	ICD-9-CM
414.04	Coronary atherosclerosis of artery bypass graft	Diagnosis	ICD-9-CM
414.05	Coronary atherosclerosis of unspecified type of bypass graft	Diagnosis	ICD-9-CM
414.06	Coronary atherosclerosis, of native coronary artery of transplanted heart	Diagnosis	ICD-9-CM
414.07	Coronary atherosclerosis, of bypass graft (artery) (vein) of transplanted heart	Diagnosis	ICD-9-CM
414.1	Aneurysm and dissection of heart	Diagnosis	ICD-9-CM
414.10	Aneurysm of heart	Diagnosis	ICD-9-CM
414.11	Aneurysm of coronary vessels	Diagnosis	ICD-9-CM
414.12	Dissection of coronary artery	Diagnosis	ICD-9-CM
414.19	Other aneurysm of heart	Diagnosis	ICD-9-CM
414.2	Chronic total occlusion of coronary artery	Diagnosis	ICD-9-CM
414.3	Coronary atherosclerosis due to lipid rich plaque	Diagnosis	ICD-9-CM
414.4	Coronary atherosclerosis due to calcified coronary lesion	Diagnosis	ICD-9-CM
414.8	Other specified forms of chronic ischemic heart disease	Diagnosis	ICD-9-CM
414.9	Unspecified chronic ischemic heart disease	Diagnosis	ICD-9-CM
429.2	Unspecified cardiovascular disease	Diagnosis	ICD-9-CM
429.5	Rupture of chordae tendineae	Diagnosis	ICD-9-CM
429.6	Rupture of papillary muscle	Diagnosis	ICD-9-CM
429.7	Certain sequelae of myocardial infarction, not elsewhere classified	Diagnosis	ICD-9-CM
429.71	Acquired cardiac septal defect	Diagnosis	ICD-9-CM
429.79	Other certain sequelae of myocardial infarction, not elsewhere classified	Diagnosis	ICD-9-CM

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	Baseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
429.9	Unspecified heart disease	Diagnosis	ICD-9-CM
G8033	Prior myocardial infarction, coronary artery disease patient documented to be on beta-	Procedure	HCPCS
	blocker therapy		
G8034	Prior myocardial infarction, coronary artery disease patient not documented to be on beta-	Procedure	HCPCS
	blocker therapy		
G8035	Clinician documented that prior myocardial infarction, coronary artery disease patient was not eligible candidate for beta-blocker therapy measure	Procedure	HCPCS
G8036	Coronary artery disease patient documented to be on antiplatelet therapy	Procedure	HCPCS
G8037	Coronary artery disease patient not documented to be on antiplatelet therapy	Procedure	HCPCS
G8038	Clinician documented that coronary artery disease patient was not eligible candidate for antiplatelet therapy measure	Procedure	HCPCS
G8039	Coronary artery disease patient with low-density lipoprotein documented to be greater than 100 mg/dl	Procedure	HCPCS
G8040	Coronary artery disease patient with low-density lipoprotein documented to be less than or equal to 100 mg/dl	Procedure	HCPCS
G8041	Clinician documented that coronary artery disease patient was not eligible candidate for low density lipoprotein measure	- Procedure	HCPCS
120.0	Unstable angina	Diagnosis	ICD-10-CM
120.1	Angina pectoris with documented spasm	Diagnosis	ICD-10-CM
120.8	Other forms of angina pectoris	Diagnosis	ICD-10-CM
120.9	Angina pectoris, unspecified	Diagnosis	ICD-10-CM
123.0	Hemopericardium as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
123.1	Atrial septal defect as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
123.2	Ventricular septal defect as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
123.3	Rupture of cardiac wall without hemopericardium as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
123.4	Rupture of chordae tendineae as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
123.5	Rupture of papillary muscle as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
123.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction	Diagnosis	ICD-10-CM
123.7	Postinfarction angina	Diagnosis	ICD-10-CM
123.8	Other current complications following acute myocardial infarction	Diagnosis	ICD-10-CM
124.0	Acute coronary thrombosis not resulting in myocardial infarction	Diagnosis	ICD-10-CM
124.1	Dressler's syndrome	Diagnosis	ICD-10-CM
124.8	Other forms of acute ischemic heart disease	Diagnosis	ICD-10-CM
124.9	Acute ischemic heart disease, unspecified	Diagnosis	ICD-10-CM
125.10	Atherosclerotic heart disease of native coronary artery without angina pectoris	Diagnosis	ICD-10-CM
125.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris	Diagnosis	ICD-10-CM
125.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
125.118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris	Diagnosis	ICD-10-CM
125.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris	Diagnosis	ICD-10-CM
125.3	Aneurysm of heart	Diagnosis	ICD-10-CM

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	baseline Characteristics in this nequest	Code	
Code	Description	Category	Code Type
125.41	Coronary artery aneurysm	Diagnosis	ICD-10-CM
125.42	Coronary artery dissection	Diagnosis	ICD-10-CM
125.5	Ischemic cardiomyopathy	Diagnosis	ICD-10-CM
125.6	Silent myocardial ischemia	Diagnosis	ICD-10-CM
125.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris	Diagnosis	ICD-10-CM
125.701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
125.708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris	Diagnosis	ICD-10-CM
125.709	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
125.711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
125.718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
125.719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
125.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
125.721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
125.728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
125.729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
125.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
125.731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
125.738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
125.739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
125.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM
125.751	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
125.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris	Diagnosis	ICD-10-CM
125.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM
125.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM

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35 Dennie	Baseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
125.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM
	with documented spasm		
125.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of	Diagnosis	ICD-10-CM
	angina pectoris		
125.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified	Diagnosis	ICD-10-CM
	angina pectoris		
125.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
125.791	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with	Diagnosis	ICD-10-CM
	documented spasm		
125.798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
125.799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
125.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris	Diagnosis	ICD-10-CM
125.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris	Diagnosis	ICD-10-CM
125.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina	Diagnosis	ICD-10-CM
	pectoris		
125.82	Chronic total occlusion of coronary artery	Diagnosis	ICD-10-CM
125.83	Coronary atherosclerosis due to lipid rich plaque	Diagnosis	ICD-10-CM
125.84	Coronary atherosclerosis due to calcified coronary lesion	Diagnosis	ICD-10-CM
125.89	Other forms of chronic ischemic heart disease	Diagnosis	ICD-10-CM
125.9	Chronic ischemic heart disease, unspecified	Diagnosis	ICD-10-CM
151.0	Cardiac septal defect, acquired	Diagnosis	ICD-10-CM
151.1	Rupture of chordae tendineae, not elsewhere classified	Diagnosis	ICD-10-CM
151.2	Rupture of papillary muscle, not elsewhere classified	Diagnosis	ICD-10-CM
151.9	Heart disease, unspecified	Diagnosis	ICD-10-CM
152	Other heart disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
430	Subarachnoid hemorrhage	Diagnosis	ICD-9-CM
430	Intracerebral hemorrhage	Diagnosis	ICD-9-CM
433.01	Occlusion and stenosis of basilar artery with cerebral infarction	Diagnosis	ICD-9-CM
433.11	Occlusion and stenosis of carotid artery with cerebral infarction	Diagnosis	
433.21	Occlusion and stenosis of vertebral artery with cerebral infarction	Diagnosis	ICD-9-CM ICD-9-CM
433.31	Occlusion and stenosis of welteblar aftery with cerebral infarction	Diagnosis	ICD-9-CM
433.81	Occlusion and stenosis of other specified precerebral artery with cerebral infarction	Diagnosis	ICD-9-CM
433.91	Occlusion and stenosis of unspecified precerebral artery with cerebral infarction	Diagnosis	ICD-9-CM
434.01	Cerebral thrombosis with cerebral infarction	Diagnosis	ICD-9-CM
434.11	Cerebral embolism with cerebral infarction	Diagnosis	ICD-9-CM
434.91	Unspecified cerebral artery occlusion with cerebral infarction	Diagnosis	ICD-9-CM
434.91	Acute, but ill-defined, cerebrovascular disease	Diagnosis	ICD-9-CM
430	Subarachnoid hemorrhage	Diagnosis	ICD-9-CM
431	Intracerebral hemorrhage	Diagnosis	ICD-9-CM
433.01	Occlusion and stenosis of basilar artery with cerebral infarction	Diagnosis	ICD-9-CM
433.11	Occlusion and stenosis of carotid artery with cerebral infarction	Diagnosis	ICD-9-CM
433.21	Occlusion and stenosis of vertebral artery with cerebral infarction	Diagnosis	ICD-9-CM
.55.21	Constant and sterious of vertebrarantery with cerebrar marction	2102110313	.CD J CIVI

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	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
433.31	Occlusion and stenosis of multiple and bilateral precerebral arteries with cerebral infarction	Diagnosis	ICD-9-CM
433.81	Occlusion and stenosis of other specified precerebral artery with cerebral infarction	Diagnosis	ICD-9-CM
433.91	Occlusion and stenosis of unspecified precerebral artery with cerebral infarction	Diagnosis	ICD-9-CM
434.01	Cerebral thrombosis with cerebral infarction	Diagnosis	ICD-9-CM
434.11	Cerebral embolism with cerebral infarction	Diagnosis	ICD-9-CM
434.91	Unspecified cerebral artery occlusion with cerebral infarction	Diagnosis	ICD-9-CM
436	Acute, but ill-defined, cerebrovascular disease	Diagnosis	ICD-9-CM
160.00	Nontraumatic subarachnoid hemorrhage from unspecified carotid siphon and bifurcation	Diagnosis	ICD-10-CM
160.01	Nontraumatic subarachnoid hemorrhage from right carotid siphon and bifurcation	Diagnosis	ICD-10-CM
160.02	Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation	Diagnosis	ICD-10-CM
160.10	Nontraumatic subarachnoid hemorrhage from unspecified middle cerebral artery	Diagnosis	ICD-10-CM
160.11	Nontraumatic subarachnoid hemorrhage from right middle cerebral artery	Diagnosis	ICD-10-CM
160.12	Nontraumatic subarachnoid hemorrhage from left middle cerebral artery	Diagnosis	ICD-10-CM
160.2	Nontraumatic subarachnoid hemorrhage from anterior communicating artery	Diagnosis	ICD-10-CM
160.30	Nontraumatic subarachnoid hemorrhage from unspecified posterior communicating artery	Diagnosis	ICD-10-CM
160.31	Nontraumatic subarachnoid hemorrhage from right posterior communicating artery	Diagnosis	ICD-10-CM
160.32	Nontraumatic subarachnoid hemorrhage from left posterior communicating artery	Diagnosis	ICD-10-CM
160.4	Nontraumatic subarachnoid hemorrhage from basilar artery	Diagnosis	ICD-10-CM
160.50	Nontraumatic subarachnoid hemorrhage from unspecified vertebral artery	Diagnosis	ICD-10-CM
160.51	Nontraumatic subarachnoid hemorrhage from right vertebral artery	Diagnosis	ICD-10-CM
160.52	Nontraumatic subarachnoid hemorrhage from left vertebral artery	Diagnosis	ICD-10-CM
160.6	Nontraumatic subarachnoid hemorrhage from other intracranial arteries	Diagnosis	ICD-10-CM
160.7	Nontraumatic subarachnoid hemorrhage from unspecified intracranial artery	Diagnosis	ICD-10-CM
160.8	Other nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
160.9	Nontraumatic subarachnoid hemorrhage, unspecified	Diagnosis	ICD-10-CM
161.0	Nontraumatic intracerebral hemorrhage in hemisphere, subcortical	Diagnosis	ICD-10-CM
161.1	Nontraumatic intracerebral hemorrhage in hemisphere, cortical	Diagnosis	ICD-10-CM
161.2	Nontraumatic intracerebral hemorrhage in hemisphere, unspecified	Diagnosis	ICD-10-CM
161.3	Nontraumatic intracerebral hemorrhage in brain stem	Diagnosis	ICD-10-CM
161.4	Nontraumatic intracerebral hemorrhage in cerebellum	Diagnosis	ICD-10-CM
161.5	Nontraumatic intracerebral hemorrhage, intraventricular	Diagnosis	ICD-10-CM
161.6	Nontraumatic intracerebral hemorrhage, multiple localized	Diagnosis	ICD-10-CM
161.8	Other nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
161.9	Nontraumatic intracerebral hemorrhage, unspecified	Diagnosis	ICD-10-CM
163.00	Cerebral infarction due to thrombosis of unspecified precerebral artery	Diagnosis	ICD-10-CM
163.011	Cerebral infarction due to thrombosis of right vertebral artery	Diagnosis	ICD-10-CM
163.012	Cerebral infarction due to thrombosis of left vertebral artery	Diagnosis	ICD-10-CM
163.013	Cerebral infarction due to thrombosis of bilateral vertebral arteries	Diagnosis	ICD-10-CM
163.019	Cerebral infarction due to thrombosis of unspecified vertebral artery	Diagnosis	ICD-10-CM
163.02	Cerebral infarction due to thrombosis of basilar artery	Diagnosis	ICD-10-CM
163.031	Cerebral infarction due to thrombosis of right carotid artery	Diagnosis	ICD-10-CM
163.032	Cerebral infarction due to thrombosis of left carotid artery	Diagnosis	ICD-10-CM
163.033	Cerebral infarction due to thrombosis of bilateral carotid arteries	Diagnosis	ICD-10-CM

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13 20	aseinie Characteristics in this nequest	Code	
Code	Description	Category	Code Type
163.039	Cerebral infarction due to thrombosis of unspecified carotid artery	Diagnosis	ICD-10-CM
163.09	Cerebral infarction due to thrombosis of other precerebral artery	Diagnosis	ICD-10-CM
163.10	Cerebral infarction due to embolism of unspecified precerebral artery	Diagnosis	ICD-10-CM
163.111	Cerebral infarction due to embolism of right vertebral artery	Diagnosis	ICD-10-CM
163.112	Cerebral infarction due to embolism of left vertebral artery	Diagnosis	ICD-10-CM
163.113	Cerebral infarction due to embolism of bilateral vertebral arteries	Diagnosis	ICD-10-CM
163.119	Cerebral infarction due to embolism of unspecified vertebral artery	Diagnosis	ICD-10-CM
163.12	Cerebral infarction due to embolism of basilar artery	Diagnosis	ICD-10-CM
163.131	Cerebral infarction due to embolism of right carotid artery	Diagnosis	ICD-10-CM
163.132	Cerebral infarction due to embolism of left carotid artery	Diagnosis	ICD-10-CM
163.133	Cerebral infarction due to embolism of bilateral carotid arteries	Diagnosis	ICD-10-CM
163.139	Cerebral infarction due to embolism of unspecified carotid artery	Diagnosis	ICD-10-CM
163.19	Cerebral infarction due to embolism of other precerebral artery	Diagnosis	ICD-10-CM
163.20	Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral	Diagnosis	ICD-10-CM
163.211	Cerebral infarction due to unspecified occlusion or stenosis of right vertebral artery	Diagnosis	ICD-10-CM
163.212	Cerebral infarction due to unspecified occlusion or stenosis of left vertebral artery	Diagnosis	ICD-10-CM
163.213	Cerebral infarction due to unspecified occlusion or stenosis of bilateral vertebral arteries	Diagnosis	ICD-10-CM
163.219	Cerebral infarction due to unspecified occlusion or stenosis of unspecified vertebral artery	Diagnosis	ICD-10-CM
163.22	Cerebral infarction due to unspecified occlusion or stenosis of basilar artery	Diagnosis	ICD-10-CM
163.231	Cerebral infarction due to unspecified occlusion or stenosis of right carotid arteries	Diagnosis	ICD-10-CM
163.232	Cerebral infarction due to unspecified occlusion or stenosis of left carotid arteries	Diagnosis	ICD-10-CM
163.233	Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid arteries	Diagnosis	ICD-10-CM
163.239	Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid artery	Diagnosis	ICD-10-CM
163.29	Cerebral infarction due to unspecified occlusion or stenosis of other precerebral arteries	Diagnosis	ICD-10-CM
163.30	Cerebral infarction due to thrombosis of unspecified cerebral artery	Diagnosis	ICD-10-CM
163.311	Cerebral infarction due to thrombosis of right middle cerebral artery	Diagnosis	ICD-10-CM
163.312	Cerebral infarction due to thrombosis of left middle cerebral artery	Diagnosis	ICD-10-CM
163.313	Cerebral infarction due to thrombosis of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
163.319	Cerebral infarction due to thrombosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
163.321	Cerebral infarction due to thrombosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
163.322	Cerebral infarction due to thrombosis of left anterior cerebral artery	Diagnosis	ICD-10-CM
163.323	Cerebral infarction due to thrombosis of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
163.329	Cerebral infarction due to thrombosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
163.331	Cerebral infarction due to thrombosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
163.332	Cerebral infarction due to thrombosis of left posterior cerebral artery	Diagnosis	ICD-10-CM
163.333	Cerebral infarction due to thrombosis of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
163.339	Cerebral infarction due to thrombosis of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
163.341	Cerebral infarction due to thrombosis of right cerebellar artery	Diagnosis	ICD-10-CM
163.342	Cerebral infarction due to thrombosis of left cerebellar artery	Diagnosis	ICD-10-CM
163.343	Cerebral infarction due to thrombosis of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
163.349	Cerebral infarction due to thrombosis of unspecified cerebellar artery	Diagnosis	ICD-10-CM
163.39	Cerebral infarction due to thrombosis of other cerebral artery	Diagnosis	ICD-10-CM
163.40	Cerebral infarction due to embolism of unspecified cerebral artery	Diagnosis	ICD-10-CM

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to benne b	aseine Characteristics in this nequest	Code	
Code	Description	Category	Code Type
163.411	Cerebral infarction due to embolism of right middle cerebral artery	Diagnosis	ICD-10-CM
163.412	Cerebral infarction due to embolism of left middle cerebral artery	Diagnosis	ICD-10-CM
163.413	Cerebral infarction due to embolism of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
163.419	Cerebral infarction due to embolism of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
163.421	Cerebral infarction due to embolism of right anterior cerebral artery	Diagnosis	ICD-10-CM
163.422	Cerebral infarction due to embolism of left anterior cerebral artery	Diagnosis	ICD-10-CM
163.423	Cerebral infarction due to embolism of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
163.429	Cerebral infarction due to embolism of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
163.431	Cerebral infarction due to embolism of right posterior cerebral artery	Diagnosis	ICD-10-CM
163.432	Cerebral infarction due to embolism of left posterior cerebral artery	Diagnosis	ICD-10-CM
163.433	Cerebral infarction due to embolism of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
163.439	Cerebral infarction due to embolism of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
163.441	Cerebral infarction due to embolism of right cerebellar artery	Diagnosis	ICD-10-CM
163.442	Cerebral infarction due to embolism of left cerebellar artery	Diagnosis	ICD-10-CM
163.443	Cerebral infarction due to embolism of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
163.449	Cerebral infarction due to embolism of unspecified cerebellar artery	Diagnosis	ICD-10-CM
163.49	Cerebral infarction due to embolism of other cerebral artery	Diagnosis	ICD-10-CM
163.50	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebral artery	Diagnosis	ICD-10-CM
163.511	Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery	Diagnosis	ICD-10-CM
163.512	Cerebral infarction due to unspecified occlusion or stenosis of left middle cerebral artery	Diagnosis	ICD-10-CM
163.513	Cerebral infarction due to unspecified occlusion or stenosis of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
163.519	Cerebral infarction due to unspecified occlusion or stenosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
163.521	Cerebral infarction due to unspecified occlusion or stenosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
163.522	Cerebral infarction due to unspecified occlusion or stenosis of left anterior cerebral artery	Diagnosis	ICD-10-CM
163.523	Cerebral infarction due to unspecified occlusion or stenosis of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
163.529	Cerebral infarction due to unspecified occlusion or stenosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
163.531	Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
163.532	Cerebral infarction due to unspecified occlusion or stenosis of left posterior cerebral artery	Diagnosis	ICD-10-CM
163.533	Cerebral infarction due to unspecified occlusion or stenosis of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
163.539	Cerebral infarction due to unspecified occlusion or stenosis of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
163.541	Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery	Diagnosis	ICD-10-CM
163.542	Cerebral infarction due to unspecified occlusion or stenosis of left cerebellar artery	Diagnosis	ICD-10-CM
163.543	Cerebral infarction due to unspecified occlusion or stenosis of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
163.549	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebellar artery	Diagnosis	ICD-10-CM
163.59	Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery	Diagnosis	ICD-10-CM
163.6	Cerebral infarction due to cerebral venous thrombosis, nonpyogenic	Diagnosis	ICD-10-CM
163.8	Other cerebral infarction	Diagnosis	ICD-10-CM

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Code Description Category Code Type 163.9 Cerebral Infarction, unspecified Diagnosis ICD-10-CM 167.99 Other cerebrovascular disease Diagnosis ICD-10-CM 160.00 Nontraumatic subarachnoid hemorrhage from inght carotid siphon and bifurcation Diagnosis ICD-10-CM 160.01 Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation Diagnosis ICD-10-CM 160.10 Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation Diagnosis ICD-10-CM 160.11 Nontraumatic subarachnoid hemorrhage from subared a revy Diagnosis ICD-10-CM 160.12 Nontraumatic subarachnoid hemorrhage from anterior communicating artery Diagnosis ICD-10-CM 160.22 Nontraumatic subarachnoid hemorrhage from fight posterior communicating artery Diagnosis ICD-10-CM 160.31 Nontraumatic subarachnoid hemorrhage from fight posterior communicating artery Diagnosis ICD-10-CM 160.32 Nontraumatic subarachnoid hemorrhage from supecified vertebral artery Diagnosis ICD-10-CM 160.51 Nontraumatic subarachnoid hemorrhage from unspecified serve the superior superiore	to beline b	aseline Characteristics in this Request	Code	
167.88 Other cerebrovascular disease Diagnosis ICD-10-CM 160.00 Nontraumatic subarachnoid hemorrhage from unspecified carotid siphon and bifurcation Diagnosis ICD-10-CM 160.01 Nontraumatic subarachnoid hemorrhage from right carotid siphon and bifurcation Diagnosis ICD-10-CM 160.02 Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation Diagnosis ICD-10-CM 160.11 Nontraumatic subarachnoid hemorrhage from right middle cerebral artery Diagnosis ICD-10-CM 160.12 Nontraumatic subarachnoid hemorrhage from might middle cerebral artery Diagnosis ICD-10-CM 160.21 Nontraumatic subarachnoid hemorrhage from marterior communicating artery Diagnosis ICD-10-CM 160.22 Nontraumatic subarachnoid hemorrhage from might posterior communicating artery Diagnosis ICD-10-CM 160.31 Nontraumatic subarachnoid hemorrhage from left posterior communicating artery Diagnosis ICD-10-CM 160.32 Nontraumatic subarachnoid hemorrhage from might posterior communicating artery Diagnosis ICD-10-CM 160.51 Nontraumatic subarachnoid hemorrhage from might vertebral artery Diagnosis ICD-10-CM	Code	Description		Code Type
160.00 Nontraumatic subarachnoid hemorrhage from unspecified carotid siphon and bifurcation Diagnosis ICD-10-CM 160.01 Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation Diagnosis ICD-10-CM 160.02 Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation Diagnosis ICD-10-CM 160.10 Nontraumatic subarachnoid hemorrhage from unspecified middle cerebral artery Diagnosis ICD-10-CM 160.12 Nontraumatic subarachnoid hemorrhage from anterior communicating artery Diagnosis ICD-10-CM 160.20 Nontraumatic subarachnoid hemorrhage from anterior communicating artery Diagnosis ICD-10-CM 160.31 Nontraumatic subarachnoid hemorrhage from right posterior communicating artery Diagnosis ICD-10-CM 160.32 Nontraumatic subarachnoid hemorrhage from left posterior communicating artery Diagnosis ICD-10-CM 160.31 Nontraumatic subarachnoid hemorrhage from left posterior communicating artery Diagnosis ICD-10-CM 160.52 Nontraumatic subarachnoid hemorrhage from left posterior communicating artery Diagnosis ICD-10-CM 160.52 Nontraumatic subarachnoid hemorrhage from left vertebral artery Dia	163.9	Cerebral infarction, unspecified	Diagnosis	ICD-10-CM
160.01 Nontraumatic subarachnoid hemorrhage from right carotid siphon and bifurcation Diagnosis ICD-10-CM 160.02 Nontraumatic subarachnoid hemorrhage from lact carotid siphon and bifurcation Diagnosis ICD-10-CM 160.11 Nontraumatic subarachnoid hemorrhage from unspecified middle cerebral artery Diagnosis ICD-10-CM 160.12 Nontraumatic subarachnoid hemorrhage from elet middle cerebral artery Diagnosis ICD-10-CM 160.22 Nontraumatic subarachnoid hemorrhage from anterior communicating artery Diagnosis ICD-10-CM 160.30 Nontraumatic subarachnoid hemorrhage from ight posterior communicating artery Diagnosis ICD-10-CM 160.31 Nontraumatic subarachnoid hemorrhage from left posterior communicating artery Diagnosis ICD-10-CM 160.32 Nontraumatic subarachnoid hemorrhage from basilar artery Diagnosis ICD-10-CM 160.32 Nontraumatic subarachnoid hemorrhage from inght vertebral artery Diagnosis ICD-10-CM 160.50 Nontraumatic subarachnoid hemorrhage from left vertebral artery Diagnosis ICD-10-CM 160.51 Nontraumatic subarachnoid hemorrhage from left vertebral artery Diagnosis ICD-10-CM	167.89	Other cerebrovascular disease	Diagnosis	ICD-10-CM
160.02 Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation Diagnosis ICD-10-CM 160.10 Nontraumatic subarachnoid hemorrhage from unspecified middle cerebral artery Diagnosis ICD-10-CM 160.12 Nontraumatic subarachnoid hemorrhage from left middle cerebral artery Diagnosis ICD-10-CM 160.12 Nontraumatic subarachnoid hemorrhage from left middle cerebral artery Diagnosis ICD-10-CM 160.30 Nontraumatic subarachnoid hemorrhage from left posterior communicating artery Diagnosis ICD-10-CM 160.31 Nontraumatic subarachnoid hemorrhage from right posterior communicating artery Diagnosis ICD-10-CM 160.4 Nontraumatic subarachnoid hemorrhage from left posterior communicating artery Diagnosis ICD-10-CM 160.51 Nontraumatic subarachnoid hemorrhage from unspecified vertebral artery Diagnosis ICD-10-CM 160.52 Nontraumatic subarachnoid hemorrhage from left vertebral artery Diagnosis ICD-10-CM 160.51 Nontraumatic subarachnoid hemorrhage from left vertebral artery Diagnosis ICD-10-CM 160.52 Nontraumatic subarachnoid hemorrhage from left vertebral artery Diagnosis ICD-10-CM <td>160.00</td> <td>Nontraumatic subarachnoid hemorrhage from unspecified carotid siphon and bifurcation</td> <td>Diagnosis</td> <td>ICD-10-CM</td>	160.00	Nontraumatic subarachnoid hemorrhage from unspecified carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I60.10 Nontraumatic subarachnoid hemorrhage from unspecified middle cerebral artery Diagnosis ICD-10-CM I60.11 Nontraumatic subarachnoid hemorrhage from left middle cerebral artery Diagnosis ICD-10-CM I60.12 Nontraumatic subarachnoid hemorrhage from left middle cerebral artery Diagnosis ICD-10-CM I60.20 Nontraumatic subarachnoid hemorrhage from unspecified posterior communicating artery Diagnosis ICD-10-CM I60.31 Nontraumatic subarachnoid hemorrhage from right posterior communicating artery Diagnosis ICD-10-CM I60.32 Nontraumatic subarachnoid hemorrhage from left posterior communicating artery Diagnosis ICD-10-CM I60.40 Nontraumatic subarachnoid hemorrhage from basilar artery Diagnosis ICD-10-CM I60.51 Nontraumatic subarachnoid hemorrhage from ight vertebral artery Diagnosis ICD-10-CM I60.52 Nontraumatic subarachnoid hemorrhage from ofter intracranial arteris Diagnosis ICD-10-CM I60.52 Nontraumatic subarachnoid hemorrhage from ofter intracranial arteris Diagnosis ICD-10-CM I60.6 Nontraumatic subarachnoid hemorrhage in hemisphere, subcortical Diagnosis ICD-10-CM	160.01	Nontraumatic subarachnoid hemorrhage from right carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I60.11 Nontraumatic subarachnoid hemorrhage from left middle cerebral artery Diagnosis ICD-10-CM I60.12 Nontraumatic subarachnoid hemorrhage from left middle cerebral artery Diagnosis ICD-10-CM I60.20 Nontraumatic subarachnoid hemorrhage from anterior communicating artery Diagnosis ICD-10-CM I60.31 Nontraumatic subarachnoid hemorrhage from left posterior communicating artery Diagnosis ICD-10-CM I60.32 Nontraumatic subarachnoid hemorrhage from left posterior communicating artery Diagnosis ICD-10-CM I60.32 Nontraumatic subarachnoid hemorrhage from left posterior communicating artery Diagnosis ICD-10-CM I60.51 Nontraumatic subarachnoid hemorrhage from left posterior artery Diagnosis ICD-10-CM I60.52 Nontraumatic subarachnoid hemorrhage from left vertebral artery Diagnosis ICD-10-CM I60.6 Nontraumatic subarachnoid hemorrhage from unspecified intracrailal arteries Diagnosis ICD-10-CM I60.7 Nontraumatic subarachnoid hemorrhage from unspecified intracrailal artery Diagnosis ICD-10-CM I60.8 Other nontraumatic subarachnoid hemorrhage in hemisphere, subcortical Diagnosis ICD-10-CM	160.02	Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I60.12 Nontraumatic subarachnoid hemorrhage from left middle cerebral artery Diagnosis ICD-10-CM I60.2 Nontraumatic subarachnoid hemorrhage from unspecified posterior communicating artery Diagnosis ICD-10-CM I60.31 Nontraumatic subarachnoid hemorrhage from unspecified posterior communicating artery Diagnosis ICD-10-CM I60.32 Nontraumatic subarachnoid hemorrhage from left posterior communicating artery Diagnosis ICD-10-CM I60.4 Nontraumatic subarachnoid hemorrhage from basilar artery Diagnosis ICD-10-CM I60.50 Nontraumatic subarachnoid hemorrhage from left vertebral artery Diagnosis ICD-10-CM I60.51 Nontraumatic subarachnoid hemorrhage from left vertebral artery Diagnosis ICD-10-CM I60.52 Nontraumatic subarachnoid hemorrhage from left vertebral artery Diagnosis ICD-10-CM I60.6 Nontraumatic subarachnoid hemorrhage from unspecified intracranial artery Diagnosis ICD-10-CM I60.7 Nontraumatic intracerebral hemorrhage in memisphere, subcortical Diagnosis ICD-10-CM I60.8 Other nontraumatic intracerebral hemorrhage in hemisphere, unspecified Diagnosis ICD-10-CM <	160.10	Nontraumatic subarachnoid hemorrhage from unspecified middle cerebral artery	Diagnosis	ICD-10-CM
160.2Nontraumatic subarachnoid hemorrhage from anterior communicating arteryDiagnosisICD-10-CM160.30Nontraumatic subarachnoid hemorrhage from unspecified posterior communicating arteryDiagnosisICD-10-CM160.31Nontraumatic subarachnoid hemorrhage from left posterior communicating arteryDiagnosisICD-10-CM160.4Nontraumatic subarachnoid hemorrhage from left posterior communicating arteryDiagnosisICD-10-CM160.50Nontraumatic subarachnoid hemorrhage from left posterior communicating arteryDiagnosisICD-10-CM160.51Nontraumatic subarachnoid hemorrhage from inspecified vertebral arteryDiagnosisICD-10-CM160.52Nontraumatic subarachnoid hemorrhage from left vertebral arteryDiagnosisICD-10-CM160.6Nontraumatic subarachnoid hemorrhage from unspecified intracranial arteryDiagnosisICD-10-CM160.7Nontraumatic subarachnoid hemorrhage from unspecified intracranial arteryDiagnosisICD-10-CM160.8Other nontraumatic subarachnoid hemorrhage from unspecified intracranial arteryDiagnosisICD-10-CM160.9Nontraumatic intracerebral hemorrhage in hemisphere, subcorticalDiagnosisICD-10-CM161.1Nontraumatic intracerebral hemorrhage in hemisphere, corticalDiagnosisICD-10-CM161.2Nontraumatic intracerebral hemorrhage in bemisphere, unspecifiedDiagnosisICD-10-CM161.3Nontraumatic intracerebral hemorrhage in traventricularDiagnosisICD-10-CM161.5Nontraumatic intracerebral hemorrhage, intraventricularDiagnos	160.11	Nontraumatic subarachnoid hemorrhage from right middle cerebral artery	Diagnosis	ICD-10-CM
160.30Nontraumatic subarachnoid hemorrhage from unspecified posterior communicating arteryDiagnosisICD-10-CM160.31Nontraumatic subarachnoid hemorrhage from left posterior communicating arteryDiagnosisICD-10-CM160.32Nontraumatic subarachnoid hemorrhage from left posterior communicating arteryDiagnosisICD-10-CM160.50Nontraumatic subarachnoid hemorrhage from unspecified vertebral arteryDiagnosisICD-10-CM160.51Nontraumatic subarachnoid hemorrhage from unspecified vertebral arteryDiagnosisICD-10-CM160.52Nontraumatic subarachnoid hemorrhage from left vertebral arteryDiagnosisICD-10-CM160.60Nontraumatic subarachnoid hemorrhage from other intracranial arteriesDiagnosisICD-10-CM160.71Nontraumatic subarachnoid hemorrhage from unspecified intracranial arteryDiagnosisICD-10-CM160.80Other nontraumatic subarachnoid hemorrhage, unspecifiedDiagnosisICD-10-CM160.91Nontraumatic subarachnoid hemorrhage, unspecifiedDiagnosisICD-10-CM161.02Nontraumatic intracerebral hemorrhage in hemisphere, subcorticalDiagnosisICD-10-CM161.13Nontraumatic intracerebral hemorrhage in hemisphere, unspecifiedDiagnosisICD-10-CM161.22Nontraumatic intracerebral hemorrhage in terabellumDiagnosisICD-10-CM161.53Nontraumatic intracerebral hemorrhage, in cerebellumDiagnosisICD-10-CM161.64Nontraumatic intracerebral hemorrhage, multiple localizedDiagnosisICD-10-CM161.65Nontr	160.12	Nontraumatic subarachnoid hemorrhage from left middle cerebral artery	Diagnosis	ICD-10-CM
160.31Nontraumatic subarachnoid hemorrhage from right posterior communicating arteryDiagnosisICD-10-CM160.32Nontraumatic subarachnoid hemorrhage from left posterior communicating arteryDiagnosisICD-10-CM160.4Nontraumatic subarachnoid hemorrhage from basilar arteryDiagnosisICD-10-CM160.50Nontraumatic subarachnoid hemorrhage from unspecified vertebral arteryDiagnosisICD-10-CM160.51Nontraumatic subarachnoid hemorrhage from right vertebral arteryDiagnosisICD-10-CM160.52Nontraumatic subarachnoid hemorrhage from left vertebral arteryDiagnosisICD-10-CM160.6Nontraumatic subarachnoid hemorrhage from other intracranial arteriesDiagnosisICD-10-CM160.7Nontraumatic subarachnoid hemorrhage from unspecified intracranial arteryDiagnosisICD-10-CM160.8Other nontraumatic subarachnoid hemorrhage in menisphere, corticalDiagnosisICD-10-CM160.9Nontraumatic intracerebral hemorrhage in hemisphere, subcorticalDiagnosisICD-10-CM161.1Nontraumatic intracerebral hemorrhage in hemisphere, corticalDiagnosisICD-10-CM161.2Nontraumatic intracerebral hemorrhage in bemisphere, unspecifiedDiagnosisICD-10-CM161.3Nontraumatic intracerebral hemorrhage in cerebellumDiagnosisICD-10-CM161.4Nontraumatic intracerebral hemorrhage in cerebellumDiagnosisICD-10-CM161.5Nontraumatic intracerebral hemorrhage, intraventricularDiagnosisICD-10-CM161.6Nontraumatic intracerebral he	160.2	Nontraumatic subarachnoid hemorrhage from anterior communicating artery	Diagnosis	ICD-10-CM
160.32Nontraumatic subarachnoid hemorrhage from left posterior communicating arteryDiagnosisICD-10-CM160.40Nontraumatic subarachnoid hemorrhage from basilar arteryDiagnosisICD-10-CM160.50Nontraumatic subarachnoid hemorrhage from unspecified vertebral arteryDiagnosisICD-10-CM160.51Nontraumatic subarachnoid hemorrhage from right vertebral arteryDiagnosisICD-10-CM160.62Nontraumatic subarachnoid hemorrhage from other intracranial arteriesDiagnosisICD-10-CM160.7Nontraumatic subarachnoid hemorrhage from unspecified intracranial arteryDiagnosisICD-10-CM160.8Other nontraumatic subarachnoid hemorrhage in unspecifiedDiagnosisICD-10-CM160.9Nontraumatic subarachnoid hemorrhage, unspecifiedDiagnosisICD-10-CM161.0Nontraumatic intracerebral hemorrhage in hemisphere, subcorticalDiagnosisICD-10-CM161.1Nontraumatic intracerebral hemorrhage in hemisphere, corticalDiagnosisICD-10-CM161.2Nontraumatic intracerebral hemorrhage in bemisphere, unspecifiedDiagnosisICD-10-CM161.4Nontraumatic intracerebral hemorrhage, in traventricularDiagnosisICD-10-CM161.5Nontraumatic intracerebral hemorrhage, multiple localizedDiagnosisICD-10-CM161.6Nontraumatic intracerebral hemorrhage, multiple localizedDiagnosisICD-10-CM161.9Nontraumatic intracerebral hemorrhage, multiple localizedDiagnosisICD-10-CM161.9Nontraumatic intracerebral hemorrhage, multiple localized <td>160.30</td> <td>Nontraumatic subarachnoid hemorrhage from unspecified posterior communicating artery</td> <td>Diagnosis</td> <td>ICD-10-CM</td>	160.30	Nontraumatic subarachnoid hemorrhage from unspecified posterior communicating artery	Diagnosis	ICD-10-CM
160.4Nontraumatic subarachnoid hemorrhage from unspecified vertebral arteryDiagnosisICD-10-CM160.50Nontraumatic subarachnoid hemorrhage from unspecified vertebral arteryDiagnosisICD-10-CM160.51Nontraumatic subarachnoid hemorrhage from right vertebral arteryDiagnosisICD-10-CM160.62Nontraumatic subarachnoid hemorrhage from other intracranial arteriesDiagnosisICD-10-CM160.6Nontraumatic subarachnoid hemorrhage from unspecified intracranial arteryDiagnosisICD-10-CM160.8Other nontraumatic subarachnoid hemorrhage (manumatic propertion)DiagnosisICD-10-CM160.9Nontraumatic subarachnoid hemorrhage (unspecified)DiagnosisICD-10-CM161.0Nontraumatic intracerebral hemorrhage in hemisphere, subcorticalDiagnosisICD-10-CM161.1Nontraumatic intracerebral hemorrhage in hemisphere, corticalDiagnosisICD-10-CM161.2Nontraumatic intracerebral hemorrhage in hemisphere, unspecifiedDiagnosisICD-10-CM161.3Nontraumatic intracerebral hemorrhage in stemDiagnosisICD-10-CM161.4Nontraumatic intracerebral hemorrhage, intraventricularDiagnosisICD-10-CM161.5Nontraumatic intracerebral hemorrhage, multiple localizedDiagnosisICD-10-CM161.8Other nontraumatic intracerebral hemorrhage, unspecifiedDiagnosisICD-10-CM163.01Cerebral infarction due to thrombosis of unspecified precerebral arteryDiagnosisICD-10-CM163.02Cerebral infarction due to thrombosis of left vertebral a	160.31	Nontraumatic subarachnoid hemorrhage from right posterior communicating artery	Diagnosis	ICD-10-CM
160.50Nontraumatic subarachnoid hemorrhage from unspecified vertebral arteryDiagnosisICD-10-CM160.51Nontraumatic subarachnoid hemorrhage from right vertebral arteryDiagnosisICD-10-CM160.52Nontraumatic subarachnoid hemorrhage from left vertebral arteryDiagnosisICD-10-CM160.6Nontraumatic subarachnoid hemorrhage from unspecified intracranial arteriesDiagnosisICD-10-CM160.7Nontraumatic subarachnoid hemorrhage from unspecified intracranial arteryDiagnosisICD-10-CM160.9Nontraumatic subarachnoid hemorrhage, unspecifiedDiagnosisICD-10-CM161.0Nontraumatic intracerebral hemorrhage in hemisphere, subcorticalDiagnosisICD-10-CM161.1Nontraumatic intracerebral hemorrhage in hemisphere, corticalDiagnosisICD-10-CM161.2Nontraumatic intracerebral hemorrhage in bemisphere, unspecifiedDiagnosisICD-10-CM161.3Nontraumatic intracerebral hemorrhage in bemisphere, unspecifiedDiagnosisICD-10-CM161.4Nontraumatic intracerebral hemorrhage, intraventricularDiagnosisICD-10-CM161.5Nontraumatic intracerebral hemorrhage, multiple localizedDiagnosisICD-10-CM161.6Nontraumatic intracerebral hemorrhage, unspecifiedDiagnosisICD-10-CM161.9Nontraumatic intracerebral hemorrhage, unspecifiedDiagnosisICD-10-CM163.00Cerebral infarction due to thrombosis of unspecified precerebral arteryDiagnosisICD-10-CM163.011Cerebral infarction due to thrombosis of inspecified vertebr	160.32	Nontraumatic subarachnoid hemorrhage from left posterior communicating artery	Diagnosis	ICD-10-CM
160.51Nontraumatic subarachnoid hemorrhage from right vertebral arteryDiagnosisICD-10-CM160.52Nontraumatic subarachnoid hemorrhage from left vertebral arteryDiagnosisICD-10-CM160.6Nontraumatic subarachnoid hemorrhage from other intracranial arteriesDiagnosisICD-10-CM160.7Nontraumatic subarachnoid hemorrhage from unspecified intracranial arteryDiagnosisICD-10-CM160.8Other nontraumatic subarachnoid hemorrhageDiagnosisICD-10-CM160.9Nontraumatic intracerebral hemorrhage, unspecifiedDiagnosisICD-10-CM161.1Nontraumatic intracerebral hemorrhage in hemisphere, subcorticalDiagnosisICD-10-CM161.2Nontraumatic intracerebral hemorrhage in hemisphere, unspecifiedDiagnosisICD-10-CM161.3Nontraumatic intracerebral hemorrhage in brain stemDiagnosisICD-10-CM161.4Nontraumatic intracerebral hemorrhage in cerebellumDiagnosisICD-10-CM161.5Nontraumatic intracerebral hemorrhage, intraventricularDiagnosisICD-10-CM161.6Nontraumatic intracerebral hemorrhage, multiple localizedDiagnosisICD-10-CM161.8Other nontraumatic intracerebral hemorrhage, unspecifiedDiagnosisICD-10-CM163.00Cerebral infarction due to thrombosis of unspecified precerebral arteryDiagnosisICD-10-CM163.01Cerebral infarction due to thrombosis of left vertebral arteryDiagnosisICD-10-CM163.02Cerebral infarction due to thrombosis of bilateral vertebral arteryDiagnosisICD-1	160.4	Nontraumatic subarachnoid hemorrhage from basilar artery	Diagnosis	ICD-10-CM
160.52Nontraumatic subarachnoid hemorrhage from left vertebral arteryDiagnosisICD-10-CM160.6Nontraumatic subarachnoid hemorrhage from other intracranial arteriesDiagnosisICD-10-CM160.7Nontraumatic subarachnoid hemorrhage from unspecified intracranial arteryDiagnosisICD-10-CM160.8Other nontraumatic subarachnoid hemorrhageDiagnosisICD-10-CM160.9Nontraumatic subarachnoid hemorrhage, unspecifiedDiagnosisICD-10-CM161.0Nontraumatic intracerebral hemorrhage in hemisphere, subcorticalDiagnosisICD-10-CM161.1Nontraumatic intracerebral hemorrhage in hemisphere, corticalDiagnosisICD-10-CM161.2Nontraumatic intracerebral hemorrhage in hemisphere, unspecifiedDiagnosisICD-10-CM161.3Nontraumatic intracerebral hemorrhage in brain stemDiagnosisICD-10-CM161.4Nontraumatic intracerebral hemorrhage in cerebellumDiagnosisICD-10-CM161.5Nontraumatic intracerebral hemorrhage, intraventricularDiagnosisICD-10-CM161.6Nontraumatic intracerebral hemorrhage, multiple localizedDiagnosisICD-10-CM161.9Nontraumatic intracerebral hemorrhage, unspecifiedDiagnosisICD-10-CM163.00Cerebral infarction due to thrombosis of unspecified precerebral arteryDiagnosisICD-10-CM163.01Cerebral infarction due to thrombosis of right vertebral arteryDiagnosisICD-10-CM163.02Cerebral infarction due to thrombosis of basilar arteryDiagnosisICD-10-CM	160.50	Nontraumatic subarachnoid hemorrhage from unspecified vertebral artery	Diagnosis	ICD-10-CM
I60.6Nontraumatic subarachnoid hemorrhage from other intracranial arteriesDiagnosisICD-10-CMI60.7Nontraumatic subarachnoid hemorrhage from unspecified intracranial arteryDiagnosisICD-10-CMI60.8Other nontraumatic subarachnoid hemorrhage (name)DiagnosisICD-10-CMI60.9Nontraumatic intracerebral hemorrhage (name)DiagnosisICD-10-CMI61.0Nontraumatic intracerebral hemorrhage in hemisphere, subcorticalDiagnosisICD-10-CMI61.1Nontraumatic intracerebral hemorrhage in hemisphere, corticalDiagnosisICD-10-CMI61.2Nontraumatic intracerebral hemorrhage in hemisphere, unspecifiedDiagnosisICD-10-CMI61.3Nontraumatic intracerebral hemorrhage in cerebellumDiagnosisICD-10-CMI61.4Nontraumatic intracerebral hemorrhage in cerebellumDiagnosisICD-10-CMI61.5Nontraumatic intracerebral hemorrhage, intraventricularDiagnosisICD-10-CMI61.6Nontraumatic intracerebral hemorrhage, multiple localizedDiagnosisICD-10-CMI61.8Other nontraumatic intracerebral hemorrhage, unspecifiedDiagnosisICD-10-CMI63.0Cerebral infarction due to thrombosis of unspecified precerebral arteryDiagnosisICD-10-CMI63.01Cerebral infarction due to thrombosis of light vertebral arteryDiagnosisICD-10-CMI63.01Cerebral infarction due to thrombosis of unspecified vertebral arteriesDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of unspecified vertebral arteryDiagnosis <t< td=""><td>160.51</td><td>Nontraumatic subarachnoid hemorrhage from right vertebral artery</td><td>Diagnosis</td><td>ICD-10-CM</td></t<>	160.51	Nontraumatic subarachnoid hemorrhage from right vertebral artery	Diagnosis	ICD-10-CM
160.7Nontraumatic subarachnoid hemorrhage from unspecified intracranial arteryDiagnosis (DD-10-CM Diagnosis)160.8Other nontraumatic subarachnoid hemorrhageDiagnosis (DD-10-CM Diagnosis)160.9Nontraumatic intracerebral hemorrhage, unspecifiedDiagnosis (DD-10-CM Diagnosis)161.1Nontraumatic intracerebral hemorrhage in hemisphere, subcorticalDiagnosis (DD-10-CM Diagnosis)161.2Nontraumatic intracerebral hemorrhage in hemisphere, corticalDiagnosis (DD-10-CM Diagnosis)161.3Nontraumatic intracerebral hemorrhage in brain stemDiagnosis (DD-10-CM Diagnosis)161.4Nontraumatic intracerebral hemorrhage in cerebellumDiagnosis (DD-10-CM Diagnosis)161.5Nontraumatic intracerebral hemorrhage, intraventricularDiagnosis (DD-10-CM Diagnosis)161.6Nontraumatic intracerebral hemorrhage, unspecifiedDiagnosis (DD-10-CM Diagnosis)161.9Nontraumatic intracerebral hemorrhage, unspecifiedDiagnosis (DD-10-CM Diagnosis)163.00Cerebral infarction due to thrombosis of unspecified precerebral arteryDiagnosis (DD-10-CM Diagnosis)163.01Cerebral infarction due to thrombosis of right vertebral arteryDiagnosis (DD-10-CM Diagnosis)163.02Cerebral infarction due to thrombosis of bialateral vertebral arteryDiagnosis (DD-10-CM Diagnosis)163.03Cerebral infarction due to thrombosis of bialateral vertebral arteryDiagnosis (DD-10-CM Diagnosis)163.03Cerebral infarction due to thrombosis of bialateral vertebral arteryDiagnosis (DD-10-CM Diagnosis)163.03Cerebral infarction due to thrombosis of bialateral carotid	160.52	Nontraumatic subarachnoid hemorrhage from left vertebral artery	Diagnosis	ICD-10-CM
I60.8Other nontraumatic subarachnoid hemorrhageDiagnosisICD-10-CMI60.9Nontraumatic intracerebral hemorrhage, unspecifiedDiagnosisICD-10-CMI61.0Nontraumatic intracerebral hemorrhage in hemisphere, subcorticalDiagnosisICD-10-CMI61.1Nontraumatic intracerebral hemorrhage in hemisphere, corticalDiagnosisICD-10-CMI61.2Nontraumatic intracerebral hemorrhage in hemisphere, unspecifiedDiagnosisICD-10-CMI61.3Nontraumatic intracerebral hemorrhage in brain stemDiagnosisICD-10-CMI61.4Nontraumatic intracerebral hemorrhage in cerebellumDiagnosisICD-10-CMI61.5Nontraumatic intracerebral hemorrhage, multiple localizedDiagnosisICD-10-CMI61.6Nontraumatic intracerebral hemorrhage, multiple localizedDiagnosisICD-10-CMI61.9Nontraumatic intracerebral hemorrhage, unspecifiedDiagnosisICD-10-CMI63.00Cerebral infarction due to thrombosis of unspecified precerebral arteryDiagnosisICD-10-CMI63.011Cerebral infarction due to thrombosis of left vertebral arteryDiagnosisICD-10-CMI63.020Cerebral infarction due to thrombosis of bilateral vertebral arteryDiagnosisICD-10-CMI63.031Cerebral infarction due to thrombosis of basilar arteryDiagnosisICD-10-CMI63.032Cerebral infarction due to thrombosis of unspecified vertebral arteryDiagnosisICD-10-CMI63.033Cerebral infarction due to thrombosis of pilat carotid arteryDiagnosisICD-10-CM <td< td=""><td>160.6</td><td>Nontraumatic subarachnoid hemorrhage from other intracranial arteries</td><td>Diagnosis</td><td>ICD-10-CM</td></td<>	160.6	Nontraumatic subarachnoid hemorrhage from other intracranial arteries	Diagnosis	ICD-10-CM
160.9Nontraumatic subarachnoid hemorrhage, unspecifiedDiagnosisICD-10-CM161.0Nontraumatic intracerebral hemorrhage in hemisphere, subcorticalDiagnosisICD-10-CM161.1Nontraumatic intracerebral hemorrhage in hemisphere, corticalDiagnosisICD-10-CM161.2Nontraumatic intracerebral hemorrhage in hemisphere, unspecifiedDiagnosisICD-10-CM161.3Nontraumatic intracerebral hemorrhage in brain stemDiagnosisICD-10-CM161.4Nontraumatic intracerebral hemorrhage in cerebellumDiagnosisICD-10-CM161.5Nontraumatic intracerebral hemorrhage, intraventricularDiagnosisICD-10-CM161.6Nontraumatic intracerebral hemorrhage, multiple localizedDiagnosisICD-10-CM161.8Other nontraumatic intracerebral hemorrhageDiagnosisICD-10-CM163.00Cerebral infarction due to thrombosis of unspecified precerebral arteryDiagnosisICD-10-CM163.011Cerebral infarction due to thrombosis of right vertebral arteryDiagnosisICD-10-CM163.012Cerebral infarction due to thrombosis of left vertebral arteryDiagnosisICD-10-CM163.013Cerebral infarction due to thrombosis of bilateral vertebral arteryDiagnosisICD-10-CM163.02Cerebral infarction due to thrombosis of bilateral vertebral arteryDiagnosisICD-10-CM163.03Cerebral infarction due to thrombosis of fight carotid arteryDiagnosisICD-10-CM163.03Cerebral infarction due to thrombosis of lateral carotid arteryDiagnosisICD-10-CM<	160.7	Nontraumatic subarachnoid hemorrhage from unspecified intracranial artery	Diagnosis	ICD-10-CM
I61.0Nontraumatic intracerebral hemorrhage in hemisphere, subcorticalDiagnosisICD-10-CMI61.1Nontraumatic intracerebral hemorrhage in hemisphere, corticalDiagnosisICD-10-CMI61.2Nontraumatic intracerebral hemorrhage in hemisphere, unspecifiedDiagnosisICD-10-CMI61.3Nontraumatic intracerebral hemorrhage in stemDiagnosisICD-10-CMI61.4Nontraumatic intracerebral hemorrhage in cerebellumDiagnosisICD-10-CMI61.5Nontraumatic intracerebral hemorrhage, intraventricularDiagnosisICD-10-CMI61.6Nontraumatic intracerebral hemorrhage, multiple localizedDiagnosisICD-10-CMI61.8Other nontraumatic intracerebral hemorrhage, unspecifiedDiagnosisICD-10-CMI63.00Cerebral infarction due to thrombosis of unspecified precerebral arteryDiagnosisICD-10-CMI63.01Cerebral infarction due to thrombosis of right vertebral arteryDiagnosisICD-10-CMI63.012Cerebral infarction due to thrombosis of bilateral vertebral arteriesDiagnosisICD-10-CMI63.013Cerebral infarction due to thrombosis of unspecified vertebral arteryDiagnosisICD-10-CMI63.02Cerebral infarction due to thrombosis of bilateral vertebral arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of right carotid arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of lateral carotid arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of unspecified carotid arteries<	160.8	Other nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I61.1Nontraumatic intracerebral hemorrhage in hemisphere, corticalDiagnosisICD-10-CMI61.2Nontraumatic intracerebral hemorrhage in hemisphere, unspecifiedDiagnosisICD-10-CMI61.3Nontraumatic intracerebral hemorrhage in brain stemDiagnosisICD-10-CMI61.4Nontraumatic intracerebral hemorrhage in cerebellumDiagnosisICD-10-CMI61.5Nontraumatic intracerebral hemorrhage, unsentricularDiagnosisICD-10-CMI61.6Nontraumatic intracerebral hemorrhage, multiple localizedDiagnosisICD-10-CMI61.8Other nontraumatic intracerebral hemorrhageDiagnosisICD-10-CMI61.9Nontraumatic intracerebral hemorrhage, unspecifiedDiagnosisICD-10-CMI63.00Cerebral infarction due to thrombosis of unspecified precerebral arteryDiagnosisICD-10-CMI63.01Cerebral infarction due to thrombosis of left vertebral arteryDiagnosisICD-10-CMI63.012Cerebral infarction due to thrombosis of bilateral vertebral arteriesDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of unspecified vertebral arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of basilar arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of lateral carotid arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of lateral carotid arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CM <td>160.9</td> <td>Nontraumatic subarachnoid hemorrhage, unspecified</td> <td>Diagnosis</td> <td>ICD-10-CM</td>	160.9	Nontraumatic subarachnoid hemorrhage, unspecified	Diagnosis	ICD-10-CM
I61.2Nontraumatic intracerebral hemorrhage in hemisphere, unspecifiedDiagnosisICD-10-CMI61.3Nontraumatic intracerebral hemorrhage in brain stemDiagnosisICD-10-CMI61.4Nontraumatic intracerebral hemorrhage in cerebellumDiagnosisICD-10-CMI61.5Nontraumatic intracerebral hemorrhage, intraventricularDiagnosisICD-10-CMI61.6Nontraumatic intracerebral hemorrhage, multiple localizedDiagnosisICD-10-CMI61.8Other nontraumatic intracerebral hemorrhageDiagnosisICD-10-CMI61.9Nontraumatic intracerebral hemorrhage, unspecifiedDiagnosisICD-10-CMI63.00Cerebral infarction due to thrombosis of unspecified precerebral arteryDiagnosisICD-10-CMI63.01Cerebral infarction due to thrombosis of right vertebral arteryDiagnosisICD-10-CMI63.012Cerebral infarction due to thrombosis of left vertebral arteriesDiagnosisICD-10-CMI63.013Cerebral infarction due to thrombosis of bilateral vertebral arteriesDiagnosisICD-10-CMI63.02Cerebral infarction due to thrombosis of basilar arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of ight carotid arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of left carotid arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CM </td <td>161.0</td> <td>Nontraumatic intracerebral hemorrhage in hemisphere, subcortical</td> <td>Diagnosis</td> <td>ICD-10-CM</td>	161.0	Nontraumatic intracerebral hemorrhage in hemisphere, subcortical	Diagnosis	ICD-10-CM
I61.3Nontraumatic intracerebral hemorrhage in brain stemDiagnosisICD-10-CMI61.4Nontraumatic intracerebral hemorrhage in cerebellumDiagnosisICD-10-CMI61.5Nontraumatic intracerebral hemorrhage, intraventricularDiagnosisICD-10-CMI61.6Nontraumatic intracerebral hemorrhage, multiple localizedDiagnosisICD-10-CMI61.8Other nontraumatic intracerebral hemorrhageDiagnosisICD-10-CMI61.9Nontraumatic intracerebral hemorrhage, unspecifiedDiagnosisICD-10-CMI63.00Cerebral infarction due to thrombosis of unspecified precerebral arteryDiagnosisICD-10-CMI63.01Cerebral infarction due to thrombosis of right vertebral arteryDiagnosisICD-10-CMI63.01Cerebral infarction due to thrombosis of left vertebral arteryDiagnosisICD-10-CMI63.01Cerebral infarction due to thrombosis of bilateral vertebral arteryDiagnosisICD-10-CMI63.02Cerebral infarction due to thrombosis of unspecified vertebral arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of basilar arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of left carotid arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of left carotid arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CMI63.09Cerebral infarction due to thrombosis of other precerebral arteryDiagnosisICD-10-CM <td>161.1</td> <td>Nontraumatic intracerebral hemorrhage in hemisphere, cortical</td> <td>Diagnosis</td> <td>ICD-10-CM</td>	161.1	Nontraumatic intracerebral hemorrhage in hemisphere, cortical	Diagnosis	ICD-10-CM
I61.4Nontraumatic intracerebral hemorrhage in cerebellumDiagnosisICD-10-CMI61.5Nontraumatic intracerebral hemorrhage, intraventricularDiagnosisICD-10-CMI61.6Nontraumatic intracerebral hemorrhage, multiple localizedDiagnosisICD-10-CMI61.8Other nontraumatic intracerebral hemorrhageDiagnosisICD-10-CMI61.9Nontraumatic intracerebral hemorrhage, unspecifiedDiagnosisICD-10-CMI63.00Cerebral infarction due to thrombosis of unspecified precerebral arteryDiagnosisICD-10-CMI63.011Cerebral infarction due to thrombosis of right vertebral arteryDiagnosisICD-10-CMI63.012Cerebral infarction due to thrombosis of bilateral vertebral arteryDiagnosisICD-10-CMI63.013Cerebral infarction due to thrombosis of unspecified vertebral arteryDiagnosisICD-10-CMI63.02Cerebral infarction due to thrombosis of unspecified vertebral arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of right carotid arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of left carotid arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CMI63.09Cerebral infarction due to thrombosis of other precerebral arteryDiagnosisICD-10-CMI63.10Cerebral infarction due to embolism of unspecified precerebral arte	161.2	Nontraumatic intracerebral hemorrhage in hemisphere, unspecified	Diagnosis	ICD-10-CM
I61.5Nontraumatic intracerebral hemorrhage, intraventricularDiagnosisICD-10-CMI61.6Nontraumatic intracerebral hemorrhage, multiple localizedDiagnosisICD-10-CMI61.8Other nontraumatic intracerebral hemorrhageDiagnosisICD-10-CMI61.9Nontraumatic intracerebral hemorrhage, unspecifiedDiagnosisICD-10-CMI63.00Cerebral infarction due to thrombosis of unspecified precerebral arteryDiagnosisICD-10-CMI63.011Cerebral infarction due to thrombosis of left vertebral arteryDiagnosisICD-10-CMI63.012Cerebral infarction due to thrombosis of left vertebral arteryDiagnosisICD-10-CMI63.013Cerebral infarction due to thrombosis of bilateral vertebral arteriesDiagnosisICD-10-CMI63.019Cerebral infarction due to thrombosis of unspecified vertebral arteryDiagnosisICD-10-CMI63.02Cerebral infarction due to thrombosis of basilar arteryDiagnosisICD-10-CMI63.031Cerebral infarction due to thrombosis of right carotid arteryDiagnosisICD-10-CMI63.032Cerebral infarction due to thrombosis of bilateral carotid arteriesDiagnosisICD-10-CMI63.033Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CMI63.09Cerebral infarction due to thrombosis of other precerebral arteryDiagnosisICD-10-CMI63.10Cerebral infarction due to embolism of unspecified precerebral arteryDiagnosisICD-10-CMI63.11Cerebral infarction due to embolism of right vertebral	161.3	Nontraumatic intracerebral hemorrhage in brain stem	Diagnosis	ICD-10-CM
I61.6Nontraumatic intracerebral hemorrhage, multiple localizedDiagnosisICD-10-CMI61.8Other nontraumatic intracerebral hemorrhageDiagnosisICD-10-CMI61.9Nontraumatic intracerebral hemorrhage, unspecifiedDiagnosisICD-10-CMI63.00Cerebral infarction due to thrombosis of unspecified precerebral arteryDiagnosisICD-10-CMI63.011Cerebral infarction due to thrombosis of right vertebral arteryDiagnosisICD-10-CMI63.012Cerebral infarction due to thrombosis of left vertebral arteryDiagnosisICD-10-CMI63.013Cerebral infarction due to thrombosis of bilateral vertebral arteriesDiagnosisICD-10-CMI63.02Cerebral infarction due to thrombosis of unspecified vertebral arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of basilar arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of right carotid arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of bilateral carotid arteriesDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CMI63.09Cerebral infarction due to thrombosis of other precerebral arteryDiagnosisICD-10-CMI63.10Cerebral infarction due to embolism of unspecified precerebral arteryDiagnosisICD-10-CMI63.11Cerebral infarction due to embolism of right vertebral arteryDiagnosisICD-10-CM	161.4	Nontraumatic intracerebral hemorrhage in cerebellum	Diagnosis	ICD-10-CM
I61.8Other nontraumatic intracerebral hemorrhageDiagnosisICD-10-CMI61.9Nontraumatic intracerebral hemorrhage, unspecifiedDiagnosisICD-10-CMI63.00Cerebral infarction due to thrombosis of unspecified precerebral arteryDiagnosisICD-10-CMI63.011Cerebral infarction due to thrombosis of right vertebral arteryDiagnosisICD-10-CMI63.012Cerebral infarction due to thrombosis of left vertebral arteryDiagnosisICD-10-CMI63.013Cerebral infarction due to thrombosis of bilateral vertebral arteriesDiagnosisICD-10-CMI63.02Cerebral infarction due to thrombosis of unspecified vertebral arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of basilar arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of left carotid arteryDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of bilateral carotid arteriesDiagnosisICD-10-CMI63.03Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CMI63.09Cerebral infarction due to thrombosis of other precerebral arteryDiagnosisICD-10-CMI63.10Cerebral infarction due to embolism of unspecified precerebral arteryDiagnosisICD-10-CMI63.11Cerebral infarction due to embolism of right vertebral arteryDiagnosisICD-10-CM	161.5	Nontraumatic intracerebral hemorrhage, intraventricular	Diagnosis	ICD-10-CM
I61.9Nontraumatic intracerebral hemorrhage, unspecifiedDiagnosisICD-10-CMI63.00Cerebral infarction due to thrombosis of unspecified precerebral arteryDiagnosisICD-10-CMI63.011Cerebral infarction due to thrombosis of right vertebral arteryDiagnosisICD-10-CMI63.012Cerebral infarction due to thrombosis of left vertebral arteryDiagnosisICD-10-CMI63.013Cerebral infarction due to thrombosis of bilateral vertebral arteriesDiagnosisICD-10-CMI63.019Cerebral infarction due to thrombosis of unspecified vertebral arteryDiagnosisICD-10-CMI63.02Cerebral infarction due to thrombosis of basilar arteryDiagnosisICD-10-CMI63.031Cerebral infarction due to thrombosis of right carotid arteryDiagnosisICD-10-CMI63.032Cerebral infarction due to thrombosis of left carotid arteryDiagnosisICD-10-CMI63.033Cerebral infarction due to thrombosis of unspecified carotid arteriesDiagnosisICD-10-CMI63.039Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CMI63.09Cerebral infarction due to thrombosis of other precerebral arteryDiagnosisICD-10-CMI63.10Cerebral infarction due to embolism of unspecified precerebral arteryDiagnosisICD-10-CMI63.111Cerebral infarction due to embolism of right vertebral arteryDiagnosisICD-10-CM	161.6	Nontraumatic intracerebral hemorrhage, multiple localized	Diagnosis	ICD-10-CM
I63.00Cerebral infarction due to thrombosis of unspecified precerebral arteryDiagnosisICD-10-CMI63.011Cerebral infarction due to thrombosis of right vertebral arteryDiagnosisICD-10-CMI63.012Cerebral infarction due to thrombosis of left vertebral arteryDiagnosisICD-10-CMI63.013Cerebral infarction due to thrombosis of bilateral vertebral arteriesDiagnosisICD-10-CMI63.019Cerebral infarction due to thrombosis of unspecified vertebral arteryDiagnosisICD-10-CMI63.02Cerebral infarction due to thrombosis of basilar arteryDiagnosisICD-10-CMI63.031Cerebral infarction due to thrombosis of right carotid arteryDiagnosisICD-10-CMI63.032Cerebral infarction due to thrombosis of left carotid arteryDiagnosisICD-10-CMI63.033Cerebral infarction due to thrombosis of bilateral carotid arteriesDiagnosisICD-10-CMI63.039Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CMI63.09Cerebral infarction due to thrombosis of other precerebral arteryDiagnosisICD-10-CMI63.10Cerebral infarction due to embolism of unspecified precerebral arteryDiagnosisICD-10-CMI63.111Cerebral infarction due to embolism of right vertebral arteryDiagnosisICD-10-CM	161.8	Other nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I63.011Cerebral infarction due to thrombosis of right vertebral arteryDiagnosisICD-10-CMI63.012Cerebral infarction due to thrombosis of left vertebral arteryDiagnosisICD-10-CMI63.013Cerebral infarction due to thrombosis of bilateral vertebral arteriesDiagnosisICD-10-CMI63.019Cerebral infarction due to thrombosis of unspecified vertebral arteryDiagnosisICD-10-CMI63.02Cerebral infarction due to thrombosis of basilar arteryDiagnosisICD-10-CMI63.031Cerebral infarction due to thrombosis of right carotid arteryDiagnosisICD-10-CMI63.032Cerebral infarction due to thrombosis of left carotid arteryDiagnosisICD-10-CMI63.033Cerebral infarction due to thrombosis of bilateral carotid arteriesDiagnosisICD-10-CMI63.039Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CMI63.09Cerebral infarction due to thrombosis of other precerebral arteryDiagnosisICD-10-CMI63.10Cerebral infarction due to embolism of unspecified precerebral arteryDiagnosisICD-10-CMI63.111Cerebral infarction due to embolism of right vertebral arteryDiagnosisICD-10-CM	161.9	Nontraumatic intracerebral hemorrhage, unspecified	Diagnosis	ICD-10-CM
I63.012Cerebral infarction due to thrombosis of left vertebral arteryDiagnosisICD-10-CMI63.013Cerebral infarction due to thrombosis of bilateral vertebral arteriesDiagnosisICD-10-CMI63.019Cerebral infarction due to thrombosis of unspecified vertebral arteryDiagnosisICD-10-CMI63.02Cerebral infarction due to thrombosis of basilar arteryDiagnosisICD-10-CMI63.031Cerebral infarction due to thrombosis of right carotid arteryDiagnosisICD-10-CMI63.032Cerebral infarction due to thrombosis of left carotid arteryDiagnosisICD-10-CMI63.033Cerebral infarction due to thrombosis of bilateral carotid arteriesDiagnosisICD-10-CMI63.039Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CMI63.09Cerebral infarction due to thrombosis of other precerebral arteryDiagnosisICD-10-CMI63.10Cerebral infarction due to embolism of unspecified precerebral arteryDiagnosisICD-10-CMI63.111Cerebral infarction due to embolism of right vertebral arteryDiagnosisICD-10-CM	163.00	Cerebral infarction due to thrombosis of unspecified precerebral artery	Diagnosis	ICD-10-CM
I63.013Cerebral infarction due to thrombosis of bilateral vertebral arteriesDiagnosisICD-10-CMI63.019Cerebral infarction due to thrombosis of unspecified vertebral arteryDiagnosisICD-10-CMI63.02Cerebral infarction due to thrombosis of basilar arteryDiagnosisICD-10-CMI63.031Cerebral infarction due to thrombosis of right carotid arteryDiagnosisICD-10-CMI63.032Cerebral infarction due to thrombosis of left carotid arteryDiagnosisICD-10-CMI63.033Cerebral infarction due to thrombosis of bilateral carotid arteriesDiagnosisICD-10-CMI63.039Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CMI63.09Cerebral infarction due to thrombosis of other precerebral arteryDiagnosisICD-10-CMI63.10Cerebral infarction due to embolism of unspecified precerebral arteryDiagnosisICD-10-CMI63.111Cerebral infarction due to embolism of right vertebral arteryDiagnosisICD-10-CM	163.011	Cerebral infarction due to thrombosis of right vertebral artery	Diagnosis	ICD-10-CM
163.019Cerebral infarction due to thrombosis of unspecified vertebral arteryDiagnosisICD-10-CM163.02Cerebral infarction due to thrombosis of basilar arteryDiagnosisICD-10-CM163.031Cerebral infarction due to thrombosis of right carotid arteryDiagnosisICD-10-CM163.032Cerebral infarction due to thrombosis of left carotid arteryDiagnosisICD-10-CM163.033Cerebral infarction due to thrombosis of bilateral carotid arteriesDiagnosisICD-10-CM163.039Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CM163.09Cerebral infarction due to thrombosis of other precerebral arteryDiagnosisICD-10-CM163.10Cerebral infarction due to embolism of unspecified precerebral arteryDiagnosisICD-10-CM163.111Cerebral infarction due to embolism of right vertebral arteryDiagnosisICD-10-CM	163.012	Cerebral infarction due to thrombosis of left vertebral artery	Diagnosis	ICD-10-CM
163.02Cerebral infarction due to thrombosis of basilar arteryDiagnosisICD-10-CM163.031Cerebral infarction due to thrombosis of right carotid arteryDiagnosisICD-10-CM163.032Cerebral infarction due to thrombosis of left carotid arteryDiagnosisICD-10-CM163.033Cerebral infarction due to thrombosis of bilateral carotid arteriesDiagnosisICD-10-CM163.039Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CM163.09Cerebral infarction due to thrombosis of other precerebral arteryDiagnosisICD-10-CM163.10Cerebral infarction due to embolism of unspecified precerebral arteryDiagnosisICD-10-CM163.111Cerebral infarction due to embolism of right vertebral arteryDiagnosisICD-10-CM	163.013	Cerebral infarction due to thrombosis of bilateral vertebral arteries	Diagnosis	ICD-10-CM
I63.031Cerebral infarction due to thrombosis of right carotid arteryDiagnosisICD-10-CMI63.032Cerebral infarction due to thrombosis of left carotid arteryDiagnosisICD-10-CMI63.033Cerebral infarction due to thrombosis of bilateral carotid arteriesDiagnosisICD-10-CMI63.039Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CMI63.09Cerebral infarction due to thrombosis of other precerebral arteryDiagnosisICD-10-CMI63.10Cerebral infarction due to embolism of unspecified precerebral arteryDiagnosisICD-10-CMI63.111Cerebral infarction due to embolism of right vertebral arteryDiagnosisICD-10-CM	163.019	Cerebral infarction due to thrombosis of unspecified vertebral artery	Diagnosis	ICD-10-CM
I63.032Cerebral infarction due to thrombosis of left carotid arteryDiagnosisICD-10-CMI63.033Cerebral infarction due to thrombosis of bilateral carotid arteriesDiagnosisICD-10-CMI63.039Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CMI63.09Cerebral infarction due to thrombosis of other precerebral arteryDiagnosisICD-10-CMI63.10Cerebral infarction due to embolism of unspecified precerebral arteryDiagnosisICD-10-CMI63.111Cerebral infarction due to embolism of right vertebral arteryDiagnosisICD-10-CM	163.02	Cerebral infarction due to thrombosis of basilar artery	Diagnosis	ICD-10-CM
I63.033Cerebral infarction due to thrombosis of bilateral carotid arteriesDiagnosisICD-10-CMI63.039Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CMI63.09Cerebral infarction due to thrombosis of other precerebral arteryDiagnosisICD-10-CMI63.10Cerebral infarction due to embolism of unspecified precerebral arteryDiagnosisICD-10-CMI63.111Cerebral infarction due to embolism of right vertebral arteryDiagnosisICD-10-CM	163.031	Cerebral infarction due to thrombosis of right carotid artery	Diagnosis	ICD-10-CM
163.039Cerebral infarction due to thrombosis of unspecified carotid arteryDiagnosisICD-10-CM163.09Cerebral infarction due to thrombosis of other precerebral arteryDiagnosisICD-10-CM163.10Cerebral infarction due to embolism of unspecified precerebral arteryDiagnosisICD-10-CM163.111Cerebral infarction due to embolism of right vertebral arteryDiagnosisICD-10-CM	163.032	Cerebral infarction due to thrombosis of left carotid artery	Diagnosis	ICD-10-CM
I63.09Cerebral infarction due to thrombosis of other precerebral arteryDiagnosisICD-10-CMI63.10Cerebral infarction due to embolism of unspecified precerebral arteryDiagnosisICD-10-CMI63.111Cerebral infarction due to embolism of right vertebral arteryDiagnosisICD-10-CM	163.033	Cerebral infarction due to thrombosis of bilateral carotid arteries	Diagnosis	ICD-10-CM
I63.10Cerebral infarction due to embolism of unspecified precerebral arteryDiagnosisICD-10-CMI63.111Cerebral infarction due to embolism of right vertebral arteryDiagnosisICD-10-CM	163.039	Cerebral infarction due to thrombosis of unspecified carotid artery	Diagnosis	ICD-10-CM
I63.111Cerebral infarction due to embolism of right vertebral arteryDiagnosisICD-10-CM	163.09	Cerebral infarction due to thrombosis of other precerebral artery	Diagnosis	ICD-10-CM
·	163.10	Cerebral infarction due to embolism of unspecified precerebral artery	Diagnosis	ICD-10-CM
I63.112 Cerebral infarction due to embolism of left vertebral artery Diagnosis ICD-10-CM	163.111	Cerebral infarction due to embolism of right vertebral artery	Diagnosis	ICD-10-CM
	163.112	Cerebral infarction due to embolism of left vertebral artery	Diagnosis	ICD-10-CM

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to bellife b	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
163.113	Cerebral infarction due to embolism of bilateral vertebral arteries	Diagnosis	ICD-10-CM
163.119	Cerebral infarction due to embolism of unspecified vertebral artery	Diagnosis	ICD-10-CM
163.12	Cerebral infarction due to embolism of basilar artery	Diagnosis	ICD-10-CM
163.131	Cerebral infarction due to embolism of right carotid artery	Diagnosis	ICD-10-CM
163.132	Cerebral infarction due to embolism of left carotid artery	Diagnosis	ICD-10-CM
163.133	Cerebral infarction due to embolism of bilateral carotid arteries	Diagnosis	ICD-10-CM
163.139	Cerebral infarction due to embolism of unspecified carotid artery	Diagnosis	ICD-10-CM
163.19	Cerebral infarction due to embolism of other precerebral artery	Diagnosis	ICD-10-CM
163.20	Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral	Diagnosis	ICD-10-CM
163.211	Cerebral infarction due to unspecified occlusion or stenosis of right vertebral artery	Diagnosis	ICD-10-CM
163.212	Cerebral infarction due to unspecified occlusion or stenosis of left vertebral artery	Diagnosis	ICD-10-CM
163.213	Cerebral infarction due to unspecified occlusion or stenosis of bilateral vertebral arteries	Diagnosis	ICD-10-CM
163.219	Cerebral infarction due to unspecified occlusion or stenosis of unspecified vertebral artery	Diagnosis	ICD-10-CM
163.22	Cerebral infarction due to unspecified occlusion or stenosis of basilar artery	Diagnosis	ICD-10-CM
163.231	Cerebral infarction due to unspecified occlusion or stenosis of right carotid arteries	Diagnosis	ICD-10-CM
163.232	Cerebral infarction due to unspecified occlusion or stenosis of left carotid arteries	Diagnosis	ICD-10-CM
163.233	Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid arteries	Diagnosis	ICD-10-CM
163.239	Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid artery	Diagnosis	ICD-10-CM
163.29	Cerebral infarction due to unspecified occlusion or stenosis of other precerebral arteries	Diagnosis	ICD-10-CM
163.30	Cerebral infarction due to thrombosis of unspecified cerebral artery	Diagnosis	ICD-10-CM
163.311	Cerebral infarction due to thrombosis of right middle cerebral artery	Diagnosis	ICD-10-CM
163.312	Cerebral infarction due to thrombosis of left middle cerebral artery	Diagnosis	ICD-10-CM
163.313	Cerebral infarction due to thrombosis of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
163.319	Cerebral infarction due to thrombosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
163.321	Cerebral infarction due to thrombosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
163.322	Cerebral infarction due to thrombosis of left anterior cerebral artery	Diagnosis	ICD-10-CM
163.323	Cerebral infarction due to thrombosis of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
163.329	Cerebral infarction due to thrombosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
163.331	Cerebral infarction due to thrombosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
163.332	Cerebral infarction due to thrombosis of left posterior cerebral artery	Diagnosis	ICD-10-CM
163.333	Cerebral infarction due to thrombosis of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
163.339	Cerebral infarction due to thrombosis of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
163.341	Cerebral infarction due to thrombosis of right cerebellar artery	Diagnosis	ICD-10-CM
163.342	Cerebral infarction due to thrombosis of left cerebellar artery	Diagnosis	ICD-10-CM
163.343	Cerebral infarction due to thrombosis of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
163.349	Cerebral infarction due to thrombosis of unspecified cerebellar artery	Diagnosis	ICD-10-CM
163.39	Cerebral infarction due to thrombosis of other cerebral artery	Diagnosis	ICD-10-CM
163.40	Cerebral infarction due to embolism of unspecified cerebral artery	Diagnosis	ICD-10-CM
163.411	Cerebral infarction due to embolism of right middle cerebral artery	Diagnosis	ICD-10-CM
163.412	Cerebral infarction due to embolism of left middle cerebral artery	Diagnosis	ICD-10-CM
163.413	Cerebral infarction due to embolism of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
163.419	Cerebral infarction due to embolism of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
163.421	Cerebral infarction due to embolism of right anterior cerebral artery	Diagnosis	ICD-10-CM

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		Code	
Code	Description	Category	Code Type
163.422	Cerebral infarction due to embolism of left anterior cerebral artery	Diagnosis	ICD-10-CM
163.423	Cerebral infarction due to embolism of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
163.429	Cerebral infarction due to embolism of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
163.431	Cerebral infarction due to embolism of right posterior cerebral artery	Diagnosis	ICD-10-CM
163.432	Cerebral infarction due to embolism of left posterior cerebral artery	Diagnosis	ICD-10-CM
163.433	Cerebral infarction due to embolism of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
163.439	Cerebral infarction due to embolism of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
163.441	Cerebral infarction due to embolism of right cerebellar artery	Diagnosis	ICD-10-CM
163.442	Cerebral infarction due to embolism of left cerebellar artery	Diagnosis	ICD-10-CM
163.443	Cerebral infarction due to embolism of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
163.449	Cerebral infarction due to embolism of unspecified cerebellar artery	Diagnosis	ICD-10-CM
163.49	Cerebral infarction due to embolism of other cerebral artery	Diagnosis	ICD-10-CM
163.50	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebral artery	Diagnosis	ICD-10-CM
163.511	Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery	Diagnosis	ICD-10-CM
163.512	Cerebral infarction due to unspecified occlusion or stenosis of left middle cerebral artery	Diagnosis	ICD-10-CM
163.513	Cerebral infarction due to unspecified occlusion or stenosis of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
163.519	Cerebral infarction due to unspecified occlusion or stenosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
163.521	Cerebral infarction due to unspecified occlusion or stenosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
163.522	Cerebral infarction due to unspecified occlusion or stenosis of left anterior cerebral artery	Diagnosis	ICD-10-CM
163.523	Cerebral infarction due to unspecified occlusion or stenosis of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
163.529	Cerebral infarction due to unspecified occlusion or stenosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
163.531	Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
163.532	Cerebral infarction due to unspecified occlusion or stenosis of left posterior cerebral artery	Diagnosis	ICD-10-CM
163.533	Cerebral infarction due to unspecified occlusion or stenosis of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
163.539	Cerebral infarction due to unspecified occlusion or stenosis of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
163.541	Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery	Diagnosis	ICD-10-CM
163.542	Cerebral infarction due to unspecified occlusion or stenosis of left cerebellar artery	Diagnosis	ICD-10-CM
163.543	Cerebral infarction due to unspecified occlusion or stenosis of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
163.549	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebellar artery	Diagnosis	ICD-10-CM
163.59	Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery	Diagnosis	ICD-10-CM
163.6	Cerebral infarction due to cerebral venous thrombosis, nonpyogenic	Diagnosis	ICD-10-CM
163.8	Other cerebral infarction	Diagnosis	ICD-10-CM
163.9	Cerebral infarction, unspecified	Diagnosis	ICD-10-CM
167.89	Other cerebrovascular disease	Diagnosis	ICD-10-CM
	Transient ischemic attack		
435	Transient cerebral ischemia	Diagnosis	ICD-9-CM
435.0	Basilar artery syndrome	Diagnosis	ICD-9-CM

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Code Description Category Code Type 435.1 Vertebral artery syndrome Diagnosis ICD-9-CM 435.2 Subclavian steal syndrome Diagnosis ICD-9-CM 435.8 Other specified transient cerebral ischemias Diagnosis ICD-9-CM 435.9 Unspecified transient cerebral ischemia Diagnosis ICD-9-CM 435.0 Vertebro-basilar artery syndrome Diagnosis ICD-10-CM 645.1 Carotid artery syndrome (Imeispheric) Diagnosis ICD-10-CM 645.2 Multiple and bilateral precerebral artery syndromes Diagnosis ICD-10-CM 645.8 Other transient cerebral ischemic attacks and related syndromes Diagnosis ICD-10-CM 645.9 Transient cerebral artery syndrome Diagnosis ICD-10-CM 646.1 Anterior cerebral artery syndrome Diagnosis ICD-10-CM 646.2 Posterior cerebral artery syndrome Diagnosis ICD-10-CM 647.84 Other cerebrovascular vasoconstriction syndrome Diagnosis ICD-10-CM 647.84 Other cerebrovascular vasoconstriction syndrome		saseline Characteristics in this Request	Code	
435.2 Subclavian steal syndrome Diagnosis ICD-9-CM 435.3 Vertebrobasilar artery syndrome Diagnosis ICD-9-CM 435.8 Obre specified transient cerebral ischemia Diagnosis ICD-9-CM 435.9 Unspecified transient cerebral ischemia Diagnosis ICD-10-CM 645.0 Vertebro-basilar artery syndrome Diagnosis ICD-10-CM 645.1 Carotid artery syndrome (hemispheric) Diagnosis ICD-10-CM 645.2 Multiple and bilateral precerebral artery syndromes Diagnosis ICD-10-CM 645.9 Transient cerebral ischemic attack, unspecified Diagnosis ICD-10-CM 646.0 Middle cerebral artery syndrome Diagnosis ICD-10-CM 646.1 Ancior cerebral artery syndrome Diagnosis ICD-10-CM 646.2 Posterior cerebral artery syndrome Diagnosis ICD-10-CM 647.84 Reversible cerebrovascular vasoconstriction Diagnosis ICD-10-CM 667.84 Other cerebrovascular vasocostriction Diagnosis ICD-10-CM 667.84 Other cerebrovascular vasocostriction	Code	Description	Category	Code Type
435.3 Vertebrobasilar artery syndrome Diagnosis ICD-9-CM 435.9 Unspecified transient cerebral ischemia Diagnosis ICD-9-CM 435.9 Unspecified transient cerebral ischemia Diagnosis ICD-9-CM 645.0 Vertebro-basilar artery syndrome Diagnosis ICD-10-CM 645.1 Carotid artery syndrome (hemispheric) Diagnosis ICD-10-CM 645.2 Multiple and bilateral precerebral artery syndromes Diagnosis ICD-10-CM 645.9 Transient cerebral ischemic attacks and related syndromes Diagnosis ICD-10-CM 646.0 Middle cerebral artery syndrome Diagnosis ICD-10-CM 646.1 Anterior cerebral artery syndrome Diagnosis ICD-10-CM 646.2 Posterior cerebral artery syndrome Diagnosis ICD-10-CM 67.841 Reversible cerebrovascular vasospasm and vasoconstriction Diagnosis ICD-10-CM 67.842 Reversible cerebrovascular vasospasm and vasoconstriction Diagnosis ICD-10-CM 67.845 Accidental fall on or from steal Diagnosis ICD-10-CM 68800	435.1	Vertebral artery syndrome	Diagnosis	ICD-9-CM
435.8 Other specified transient cerebral ischemia Diagnosis ICD-9-CM 435.9 Unspecified transient cerebral ischemia Diagnosis ICD-9-CM 645.1 Carotid artery syndrome (hemispheric) Diagnosis ICD-10-CM 645.2 Multiple and bilateral precerebral artery syndromes Diagnosis ICD-10-CM 645.8 Other transient cerebral ischemic attacks, unspecified Diagnosis ICD-10-CM 645.9 Transient cerebral ischemic attack, unspecified Diagnosis ICD-10-CM 646.0 Middle cerebral artery syndrome Diagnosis ICD-10-CM 646.1 Anterior cerebral artery syndrome Diagnosis ICD-10-CM 646.2 Posterior cerebral artery syndrome Diagnosis ICD-10-CM 678.41 Reversible cerebrovascular vasoconstriction syndrome Diagnosis ICD-10-CM 678.20 Accidental fall on or from stairs or steps Diagnosis ICD-10-CM 678.80 Accidental fall on or from stairs or steps Diagnosis ICD-9-CM E8800 Accidental fall on or from stairs or steps Diagnosis ICD-9-CM	435.2	Subclavian steal syndrome	Diagnosis	ICD-9-CM
435.9 Unspecified transient cerebral ischemia Diagnosis ICD-9-CM 645.0 Vertebro-basiliar artery syndrome Diagnosis ICD-10-CM 645.1 Carotid artery syndrome (hemispheric) Diagnosis ICD-10-CM 645.2 Multiple and bilateral precerbral artery syndromes Diagnosis ICD-10-CM 645.8 Other transient cerebral ischemic attack, unspecified Diagnosis ICD-10-CM 646.0 Middle cerebral artery syndrome Diagnosis ICD-10-CM 646.1 Anterior cerebral artery syndrome Diagnosis ICD-10-CM 646.2 Posterior cerebral artery syndrome Diagnosis ICD-10-CM 167.841 Reversible cerebrovascular vasoconstriction syndrome Diagnosis ICD-10-CM 167.848 Other cerebrovascular vasospasm and vasoconstriction Diagnosis ICD-10-CM 167.848 Accidental fall on or from stairs or steps Diagnosis ICD-10-CM 167.849 Accidental fall on or from stairs or steps Diagnosis ICD-9-CM 28800 Accidental fall on or from other stairs or steps Diagnosis ICD-9-CM	435.3	Vertebrobasilar artery syndrome	Diagnosis	ICD-9-CM
G45.0 Vertebro-basilar artery syndrome Diagnosis ICD-10-CM G45.1 Carotid artery syndrome (hemispheric) Diagnosis ICD-10-CM G45.2 Multiple and bilateral precerebral artery syndromes Diagnosis ICD-10-CM G45.8 Other transient cerebral ischemic attack, unspecified Diagnosis ICD-10-CM G45.9 Transient cerebral artery syndrome Diagnosis ICD-10-CM G46.1 Anterior cerebral artery syndrome Diagnosis ICD-10-CM G46.2 Posterior cerebral artery syndrome Diagnosis ICD-10-CM G7.841 Reversible cerebrovascular vasconstriction syndrome Diagnosis ICD-10-CM G7.840 Other cerebrovascular vasconstriction syndrome Diagnosis ICD-10-CM E8800 Accidental fall on or from sitra systeps Diagnosis ICD-10-CM E8801 Accidental fall on or from sidewalk curb Diagnosis ICD-9-CM E8810 Accidental fall form der stairs or steps Diagnosis ICD-9-CM E8811 Accidental fall from scarfolding Diagnosis ICD-9-CM E8812	435.8	Other specified transient cerebral ischemias	Diagnosis	ICD-9-CM
G45.1 Carotid artery syndrome (hemispheric) Diagnosis ICD-10-CM G45.2 Multiple and bilateral precerbar la artery syndromes Diagnosis ICD-10-CM G45.9 Transient cerebral ischemic attacks and related syndromes Diagnosis ICD-10-CM G46.0 Middle cerebral artery syndrome Diagnosis ICD-10-CM G46.1 Anterior cerebral artery syndrome Diagnosis ICD-10-CM G46.2 Posterior cerebral artery syndrome Diagnosis ICD-10-CM I67.841 Reversible cerebrovascular vasoconstriction syndrome Diagnosis ICD-10-CM I67.848 Reversible cerebrovascular vasoconstriction Diagnosis ICD-10-CM I67.848 Accidental fall on or from secalator Diagnosis ICD-9-CM E8800 Accidental fall on or from sidewalk curb Diagnosis ICD-9-CM E8801 Accidental fall on or from bidewalk curb Diagnosis ICD-9-CM E8810 Accidental fall from scaffolding Diagnosis ICD-9-CM E8811 Accidental fall from scaffolding Diagnosis ICD-9-CM E8812 <t< td=""><td>435.9</td><td>Unspecified transient cerebral ischemia</td><td>Diagnosis</td><td>ICD-9-CM</td></t<>	435.9	Unspecified transient cerebral ischemia	Diagnosis	ICD-9-CM
G45.2Multiple and bilateral precerebral artery syndromesDiagnosisICD-10-CMG45.8Other transient cerebral ischemic attacks and related syndromesDiagnosisICD-10-CMG46.9Middle cerebral aischemic attack, unspecifiedDiagnosisICD-10-CMG46.1Anterior cerebral artery syndromeDiagnosisICD-10-CMG46.2Posterior cerebral artery syndromeDiagnosisICD-10-CMI67.841Reversible cerebrovascular vasoconstriction syndromeDiagnosisICD-10-CMI67.848Other cerebrovascular vasoconstriction syndromeDiagnosisICD-10-CMI67.840Accidental fall on or from stairs or stepsDiagnosisICD-9-CME8800Accidental fall on or from stairs or stepsDiagnosisICD-9-CME8801Accidental fall on or from sidewalk curbDiagnosisICD-9-CME8803Accidental fall on or from bider stairs or stepsDiagnosisICD-9-CME8810Accidental fall form ladderDiagnosisICD-9-CME8811Accidental fall from ladderDiagnosisICD-9-CME8812Accidental fall from scaffoldingDiagnosisICD-9-CME8813Accidental fall from scaffoldingDiagnosisICD-9-CME8814Accidental fall into hole or other opening in surfaceDiagnosisICD-9-CME882Accidental fall into hole or other opening in surfaceDiagnosisICD-9-CME8831Accidental fall into other hole or other opening in surfaceDiagnosisICD-9-CME8844Other accidental f	G45.0	Vertebro-basilar artery syndrome	Diagnosis	ICD-10-CM
G45.8Other transient cerebral ischemic attacks and related syndromesDiagnosisICD-10-CMG45.9Transient cerebral ischemic attack, unspecifiedDiagnosisICD-10-CMG46.1Anterior cerebral artery syndromeDiagnosisICD-10-CMG46.2Posterior cerebral artery syndromeDiagnosisICD-10-CMI67.841Reversible cerebrovascular vasospasm and vasoconstrictionDiagnosisICD-10-CMI67.848Other cerebrovascular vasospasm and vasoconstrictionDiagnosisICD-10-CMThe medical conditions (falls, fractures, syncope, walker use)e, walker use)eE880Accidental fall on or from stairs or stepsDiagnosisICD-9-CME8801Accidental fall on or from secalatorDiagnosisICD-9-CME8802Accidental fall on or from steeling or stepsDiagnosisICD-9-CME8810Accidental fall on or from other stairs or stepsDiagnosisICD-9-CME8811Accidental fall from ladderDiagnosisICD-9-CME8812Accidental fall from ladderDiagnosisICD-9-CME8813Accidental fall from or out of building or other structureDiagnosisICD-9-CME882Accidental fall into hole or other opening in surfaceDiagnosisICD-9-CME883Accidental fall into wellDiagnosisICD-9-CME8831Accidental fall into storm drain or manholeDiagnosisICD-9-CME8832Accidental fall into other hole or other opening in surfaceDiagnosisICD-9-CME8844Other accidenta	G45.1	Carotid artery syndrome (hemispheric)	Diagnosis	ICD-10-CM
G45.9Transient cerebral ischemic attack, unspecifiedDiagnosisICD-10-CMG46.0Middle cerebral artery syndromeDiagnosisICD-10-CMG46.1Anterior cerebral artery syndromeDiagnosisICD-10-CMG46.2Posterior cerebral artery syndromeDiagnosisICD-10-CMI67.841Reversible cerebrovascular vasoconstriction syndromeDiagnosisICD-10-CMI67.842Other cerebrovascular vasospasm and vasoconstrictionDiagnosisICD-10-CMOther medical conditions (falls, fractures, syncope, walker use)e, walker use)E880Accidental fall on or from stairs or stepsDiagnosisICD-9-CME8800Accidental fall on or from sidewalk curbDiagnosisICD-9-CME8801Accidental fall on or from sidewalk curbDiagnosisICD-9-CME8811Accidental fall on or from ladders or scaffoldingDiagnosisICD-9-CME8811Accidental fall from ladderDiagnosisICD-9-CME8822Accidental fall from scaflodingDiagnosisICD-9-CME8830Accidental fall from or out of building or other structureDiagnosisICD-9-CME8831Accidental fall into belo or other opening in surfaceDiagnosisICD-9-CME8832Accidental fall into wellDiagnosisICD-9-CME8833Accidental fall into other hole or other opening in surfaceDiagnosisICD-9-CME8840Accidental fall from one level to anotherDiagnosisICD-9-CME8841Accidental fall from playground equipment	G45.2	Multiple and bilateral precerebral artery syndromes	Diagnosis	ICD-10-CM
G46.0 Middle cerebral artery syndrome Diagnosis ICD-10-CM G46.1 Anterior cerebral artery syndrome Diagnosis ICD-10-CM G46.2 Posterior cerebral artery syndrome Diagnosis ICD-10-CM I67.841 Reversible cerebrovascular vasoconstriction syndrome Diagnosis ICD-10-CM IGD-10-CM We reprovascular vasospasm and vasoconstriction Diagnosis ICD-10-CM E880 Accidental fall on or from stairs or steps Diagnosis ICD-9-CM E8800 Accidental fall on or from sidewalk curb Diagnosis ICD-9-CM E8801 Accidental fall on or from idevalks curb Diagnosis ICD-9-CM E8811 Accidental fall for or from badders or scaffolding Diagnosis ICD-9-CM E8811 Accidental fall from adder Diagnosis ICD-9-CM E8812 Accidental fall from scaffolding Diagnosis ICD-9-CM E882 Accidental fall form or ut of building or other structure Diagnosis ICD-9-CM E8830 Accidental fall form or diving Diagnosis ICD-9-CM <td>G45.8</td> <td>Other transient cerebral ischemic attacks and related syndromes</td> <td>Diagnosis</td> <td>ICD-10-CM</td>	G45.8	Other transient cerebral ischemic attacks and related syndromes	Diagnosis	ICD-10-CM
G46.1Anterior cerebral artery syndromeDiagnosisICD-10-CMG46.2Posterior cerebral artery syndromeDiagnosisICD-10-CMI67.841Reversible cerebrovascular vasoconstriction syndromeDiagnosisICD-10-CMOther medical conditions (falls, fractures, syncope, walker use)e, walker use)eE880Accidental fall on or from stairs or stepsDiagnosisICD-9-CME8801Accidental fall on or from sidewalk curbDiagnosisICD-9-CME8802Accidental fall on or from bether stairs or stepsDiagnosisICD-9-CME8811Accidental fall on or from bether stairs or stepsDiagnosisICD-9-CME8812Accidental fall from ladders or scaffoldingDiagnosisICD-9-CME8813Accidental fall from scaffoldingDiagnosisICD-9-CME882Accidental fall from or out of building or other structureDiagnosisICD-9-CME883Accidental fall into hole or other opening in surfaceDiagnosisICD-9-CME8831Accidental fall from into every into water (swimming pool)DiagnosisICD-9-CME8832Accidental fall into wellDiagnosisICD-9-CME8833Accidental fall into other hole or other opening in surfaceDiagnosisICD-9-CME8840Other accidental fall from one level to anotherDiagnosisICD-9-CME8841Accidental fall from cliffDiagnosisICD-9-CME8842Accidental fall from their furnitureDiagnosisICD-9-CME8843Accidental fall fr	G45.9	Transient cerebral ischemic attack, unspecified	Diagnosis	ICD-10-CM
G46.2Posterior cerebral artery syndromeDiagnosisICD-10-CMI67.841Reversible cerebrovascular vasoconstriction syndromeDiagnosisICD-10-CMI67.848Other cerebrovascular vasospasm and vasoconstrictionDiagnosisICD-10-CM***********************************	G46.0	Middle cerebral artery syndrome	Diagnosis	ICD-10-CM
Reversible cerebrovascular vasoconstriction syndrome Diagnosis ICD-10-CM Diagnosis ICD-9-CM Reson Accidental fall on or from stairs or steps Diagnosis ICD-9-CM Diagnosis ICD-9-CM Diagnosis ICD-9-CM Diagnosis ICD-9-CM Diagnosis ICD-9-CM Reson Accidental fall on or from sidewalk curb Diagnosis ICD-9-CM Reson Accidental fall on or from sidewalk curb Diagnosis ICD-9-CM Reson Accidental fall on or from ladders or scaffolding Diagnosis ICD-9-CM Reson Accidental fall from ladder Diagnosis ICD-9-CM Reson Accidental fall from scaffolding Diagnosis ICD-9-CM Reson Accidental fall from or out of building or other structure Diagnosis ICD-9-CM Reson Accidental fall into hole or other opening in surface Diagnosis ICD-9-CM Reson Accidental fall into well Diagnosis ICD-9-CM Reson Accidental fall into well Diagnosis ICD-9-CM Reson Accidental fall into other hole or other opening in surface Diagnosis ICD-9-CM Reson Accidental fall into storm drain or manhole Diagnosis ICD-9-CM Reson Accidental fall into other hole or other opening in surface Diagnosis ICD-9-CM Reson Accidental fall from playground equipment Diagnosis ICD-9-CM Reson Accidental fall from playground equipment Diagnosis ICD-9-CM Reson Accidental fall from wheelchair Diagnosis ICD-9-CM Reson Accidental fall from bed Diagnosis ICD-9-CM Reson Accidental fall from other funiture Diagnosis ICD-9-CM Reson Accidental fall from other funiture	G46.1	Anterior cerebral artery syndrome	Diagnosis	ICD-10-CM
Other cerebrovascular vasospasm and vasoconstriction Diagnosis ICD-10-CM Other medical conditions (falls, fractures, syncope, walker use)e, walker use)e E880 Accidental fall on or from stairs or steps Diagnosis ICD-9-CM E8801 Accidental fall on or from sidewalk curb Diagnosis ICD-9-CM E8810 Accidental fall on or from ladders or scaffolding Diagnosis ICD-9-CM E8811 Accidental fall from ladder Diagnosis ICD-9-CM E8811 Accidental fall from ladder Diagnosis ICD-9-CM E8812 Accidental fall from scaffolding Diagnosis ICD-9-CM E882 Accidental fall from scaffolding Diagnosis ICD-9-CM E883 Accidental fall into hole or other opening in surface Diagnosis ICD-9-CM E8830 Accidental fall into well Diagnosis ICD-9-CM E8831 Accidental fall into well Diagnosis ICD-9-CM E8832 Accidental fall form or drain or manhole Diagnosis ICD-9-CM E8831 Accidental fa	G46.2	Posterior cerebral artery syndrome	Diagnosis	ICD-10-CM
Other medical conditions (falls, fractures, syncope, walker use)e, walker use)eE880Accidental fall on or from stairs or stepsDiagnosisICD-9-CME8800Accidental fall on or from escalatorDiagnosisICD-9-CME8801Accidental fall on or from sidewalk curbDiagnosisICD-9-CME8809Accidental fall on or from other stairs or stepsDiagnosisICD-9-CME881Accidental fall on or from ladders or scaffoldingDiagnosisICD-9-CME8810Accidental fall from scaffoldingDiagnosisICD-9-CME8811Accidental fall from scaffoldingDiagnosisICD-9-CME882Accidental fall from or out of building or other structureDiagnosisICD-9-CME883Accidental fall into hole or other opening in surfaceDiagnosisICD-9-CME8830Accidental fall into wellDiagnosisICD-9-CME8831Accidental fall into storm drain or manholeDiagnosisICD-9-CME8832Accidental fall into other hole or other opening in surfaceDiagnosisICD-9-CME8844Other accidental fall from one level to anotherDiagnosisICD-9-CME8844Accidental fall from playground equipmentDiagnosisICD-9-CME8844Accidental fall from cliffDiagnosisICD-9-CME8844Accidental fall from wheelchairDiagnosisICD-9-CME8844Accidental fall from bedDiagnosisICD-9-CME8845Accidental fall from other furnitureDiagnosisICD-9-CM<	167.841	Reversible cerebrovascular vasoconstriction syndrome	Diagnosis	ICD-10-CM
E880Accidental fall on or from stairs or stepsDiagnosisICD-9-CME8800Accidental fall on or from escalatorDiagnosisICD-9-CME8801Accidental fall on or from sidewalk curbDiagnosisICD-9-CME8809Accidental fall on or from other stairs or stepsDiagnosisICD-9-CME8811Accidental fall from ladderDiagnosisICD-9-CME8810Accidental fall from ladderDiagnosisICD-9-CME8811Accidental fall from scaffoldingDiagnosisICD-9-CME882Accidental fall from or out of building or other structureDiagnosisICD-9-CME883Accidental fall into hole or other opening in surfaceDiagnosisICD-9-CME8830Accidental fall into hole or other opening in surfaceDiagnosisICD-9-CME8831Accidental fall into storm drain or manholeDiagnosisICD-9-CME8832Accidental fall into other hole or other opening in surfaceDiagnosisICD-9-CME8834Accidental fall from one level to anotherDiagnosisICD-9-CME8840Accidental fall from playground equipmentDiagnosisICD-9-CME8841Accidental fall from cliffDiagnosisICD-9-CME8842Accidental fall from bedDiagnosisICD-9-CME8843Accidental fall from bedDiagnosisICD-9-CME8844Accidental fall from other furnitureDiagnosisICD-9-CME8845Accidental fall from other furnitureDiagnosisICD-9-CME8846	167.848	Other cerebrovascular vasospasm and vasoconstriction	Diagnosis	ICD-10-CM
E8800Accidental fall on or from escalatorDiagnosisICD-9-CME8801Accidental fall on or from sidewalk curbDiagnosisICD-9-CME8809Accidental fall on or from ladders or stepsDiagnosisICD-9-CME8811Accidental fall on or from ladderDiagnosisICD-9-CME8811Accidental fall from ladderDiagnosisICD-9-CME8811Accidental fall from scaffoldingDiagnosisICD-9-CME882Accidental fall from or out of building or other structureDiagnosisICD-9-CME883Accidental fall into hole or other opening in surfaceDiagnosisICD-9-CME8830Accidental from diving or jumping into water (swimming pool)DiagnosisICD-9-CME8831Accidental fall into wellDiagnosisICD-9-CME8832Accidental fall into storm drain or manholeDiagnosisICD-9-CME8833Accidental fall into other hole or other opening in surfaceDiagnosisICD-9-CME8844Other accidental fall from one level to anotherDiagnosisICD-9-CME8840Accidental fall from cliffDiagnosisICD-9-CME8841Accidental fall from chairDiagnosisICD-9-CME8842Accidental fall from wheelchairDiagnosisICD-9-CME8843Accidental fall from bedDiagnosisICD-9-CME8844Accidental fall from one level to anotherDiagnosisICD-9-CME8845Accidental fall from one level from commodeDiagnosisICD-9-CME8846 <t< th=""><th></th><th>Other medical conditions (falls, fractures, syncope, walker use)e, walker use)</th><th></th><th></th></t<>		Other medical conditions (falls, fractures, syncope, walker use)e, walker use)		
E8801Accidental fall on or from sidewalk curbDiagnosisICD-9-CME8809Accidental fall on or from other stairs or stepsDiagnosisICD-9-CME881Accidental fall on or from ladders or scaffoldingDiagnosisICD-9-CME8810Accidental fall from ladderDiagnosisICD-9-CME8811Accidental fall from scaffoldingDiagnosisICD-9-CME882Accidental fall from or out of building or other structureDiagnosisICD-9-CME883Accidental fall into hole or other opening in surfaceDiagnosisICD-9-CME8830Accidental from diving or jumping into water (swimming pool)DiagnosisICD-9-CME8831Accidental fall into sorm drain or manholeDiagnosisICD-9-CME8832Accidental fall into other hole or other opening in surfaceDiagnosisICD-9-CME8833Accidental fall into other hole or other opening in surfaceDiagnosisICD-9-CME8840Accidental fall from one level to anotherDiagnosisICD-9-CME8841Accidental fall from playground equipmentDiagnosisICD-9-CME8842Accidental fall from chirDiagnosisICD-9-CME8843Accidental fall from wheelchairDiagnosisICD-9-CME8844Accidental fall from wheelchairDiagnosisICD-9-CME8844Accidental fall from other furnitureDiagnosisICD-9-CME8845Accidental fall from other furnitureDiagnosisICD-9-CME8846Accidental fall from other furniture		·	Diagnosis	ICD-9-CM
E8809Accidental fall on or from other stairs or stepsDiagnosisICD-9-CME881Accidental fall from ladderDiagnosisICD-9-CME8810Accidental fall from ladderDiagnosisICD-9-CME8811Accidental fall from scaffoldingDiagnosisICD-9-CME882Accidental fall from or out of building or other structureDiagnosisICD-9-CME883Accidental fall into hole or other opening in surfaceDiagnosisICD-9-CME8830Accident from diving or jumping into water (swimming pool)DiagnosisICD-9-CME8831Accidental fall into storm drain or manholeDiagnosisICD-9-CME8832Accidental fall into other hole or other opening in surfaceDiagnosisICD-9-CME8840Accidental fall from one level to anotherDiagnosisICD-9-CME8841Accidental fall from playground equipmentDiagnosisICD-9-CME8842Accidental fall from chiirDiagnosisICD-9-CME8843Accidental fall from chairDiagnosisICD-9-CME8844Accidental fall from wheelchairDiagnosisICD-9-CME8844Accidental fall from bedDiagnosisICD-9-CME8845Accidental fall from other furnitureDiagnosisICD-9-CME8846Accidental fall from one level to anotherDiagnosisICD-9-CME8850Fall on same level from (nonmotorized) scooterDiagnosisICD-9-CME8850Fall from roller skatesDiagnosisICD-9-CME8851Fall f	E8800	Accidental fall on or from escalator	Diagnosis	ICD-9-CM
E881Accidental fall on or from ladders or scaffoldingDiagnosisICD-9-CME8810Accidental fall from ladderDiagnosisICD-9-CME8811Accidental fall from scaffoldingDiagnosisICD-9-CME882Accidental fall from or out of building or other structureDiagnosisICD-9-CME883Accidental fall into hole or other opening in surfaceDiagnosisICD-9-CME8830Accidental from diving or jumping into water (swimming pool)DiagnosisICD-9-CME8831Accidental fall into storm drain or manholeDiagnosisICD-9-CME8832Accidental fall into other hole or other opening in surfaceDiagnosisICD-9-CME8839Accidental fall from one level to anotherDiagnosisICD-9-CME8840Accidental fall from playground equipmentDiagnosisICD-9-CME8841Accidental fall from cliffDiagnosisICD-9-CME8842Accidental fall from chairDiagnosisICD-9-CME8843Accidental fall from wheelchairDiagnosisICD-9-CME8844Accidental fall from bedDiagnosisICD-9-CME8845Accidental fall from commodeDiagnosisICD-9-CME8846Accidental fall from commodeDiagnosisICD-9-CME8849Other accidental fall from one level to anotherDiagnosisICD-9-CME8840Accidental fall forn one level to anotherDiagnosisICD-9-CME8850Fall on same level from (nonmotorized) scooterDiagnosisICD-9-CM	E8801	Accidental fall on or from sidewalk curb	Diagnosis	ICD-9-CM
E8810Accidental fall from ladderDiagnosisICD-9-CME8811Accidental fall from scaffoldingDiagnosisICD-9-CME882Accidental fall from or out of building or other structureDiagnosisICD-9-CME883Accidental fall into hole or other opening in surfaceDiagnosisICD-9-CME8830Accidental from diving or jumping into water (swimming pool)DiagnosisICD-9-CME8831Accidental fall into storm drain or manholeDiagnosisICD-9-CME8832Accidental fall into other hole or other opening in surfaceDiagnosisICD-9-CME8840Other accidental fall from one level to anotherDiagnosisICD-9-CME8841Accidental fall from playground equipmentDiagnosisICD-9-CME8842Accidental fall from cliffDiagnosisICD-9-CME8843Accidental fall from wheelchairDiagnosisICD-9-CME8844Accidental fall from bedDiagnosisICD-9-CME8845Accidental fall from other furnitureDiagnosisICD-9-CME8846Accidental fall from other furnitureDiagnosisICD-9-CME8849Other accidental fall from one level to anotherDiagnosisICD-9-CME8840Accidental fall from one level to anotherDiagnosisICD-9-CME8840Accidental fall from one level to anotherDiagnosisICD-9-CME8840Accidental fall for same level from slipping, tripping, or stumblingDiagnosisICD-9-CME8850Fall from roller skatesDiagnosis<	E8809	Accidental fall on or from other stairs or steps	Diagnosis	ICD-9-CM
E8811Accidental fall from scaffoldingDiagnosisICD-9-CME882Accidental fall from or out of building or other structureDiagnosisICD-9-CME883Accidental fall into hole or other opening in surfaceDiagnosisICD-9-CME8830Accident from diving or jumping into water (swimming pool)DiagnosisICD-9-CME8831Accidental fall into wellDiagnosisICD-9-CME8832Accidental fall into storm drain or manholeDiagnosisICD-9-CME8839Accidental fall into other hole or other opening in surfaceDiagnosisICD-9-CME884Other accidental fall from one level to anotherDiagnosisICD-9-CME8840Accidental fall from playground equipmentDiagnosisICD-9-CME8841Accidental fall from chairDiagnosisICD-9-CME8842Accidental fall from wheelchairDiagnosisICD-9-CME8843Accidental fall from wheelchairDiagnosisICD-9-CME8844Accidental fall from other furnitureDiagnosisICD-9-CME8845Accidental fall from other furnitureDiagnosisICD-9-CME8846Accidental fall from one level to anotherDiagnosisICD-9-CME8850Fall on same level from (nonmotorized) scooterDiagnosisICD-9-CME8851Fall from roller skatesDiagnosisICD-9-CME8852Fall from skateboardDiagnosisICD-9-CM	E881	Accidental fall on or from ladders or scaffolding	Diagnosis	ICD-9-CM
E882Accidental fall from or out of building or other structureDiagnosisICD-9-CME883Accidental fall into hole or other opening in surfaceDiagnosisICD-9-CME8830Accident from diving or jumping into water (swimming pool)DiagnosisICD-9-CME8831Accidental fall into wellDiagnosisICD-9-CME8832Accidental fall into storm drain or manholeDiagnosisICD-9-CME8839Accidental fall into other hole or other opening in surfaceDiagnosisICD-9-CME884Other accidental fall from one level to anotherDiagnosisICD-9-CME8840Accidental fall from playground equipmentDiagnosisICD-9-CME8841Accidental fall from cliffDiagnosisICD-9-CME8842Accidental fall from wheelchairDiagnosisICD-9-CME8843Accidental fall from wheelchairDiagnosisICD-9-CME8844Accidental fall from other furnitureDiagnosisICD-9-CME8845Accidental fall from other furnitureDiagnosisICD-9-CME8849Other accidental fall from one level to anotherDiagnosisICD-9-CME8850Fall on same level from (nonmotorized) scooterDiagnosisICD-9-CME8851Fall from roller skatesDiagnosisICD-9-CME8852Fall from skateboardDiagnosisICD-9-CM	E8810	Accidental fall from ladder	Diagnosis	ICD-9-CM
E883Accidental fall into hole or other opening in surfaceDiagnosisICD-9-CME8830Accident from diving or jumping into water (swimming pool)DiagnosisICD-9-CME8831Accidental fall into wellDiagnosisICD-9-CME8832Accidental fall into storm drain or manholeDiagnosisICD-9-CME8839Accidental fall into other hole or other opening in surfaceDiagnosisICD-9-CME8840Other accidental fall from one level to anotherDiagnosisICD-9-CME8841Accidental fall from cliffDiagnosisICD-9-CME8842Accidental fall from chairDiagnosisICD-9-CME8843Accidental fall from wheelchairDiagnosisICD-9-CME8844Accidental fall from bedDiagnosisICD-9-CME8845Accidental fall from other furnitureDiagnosisICD-9-CME8846Accidental fall from commodeDiagnosisICD-9-CME8849Other accidental fall from one level to anotherDiagnosisICD-9-CME885Accidental fall on same level from slipping, tripping, or stumblingDiagnosisICD-9-CME8850Fall on same level from (nonmotorized) scooterDiagnosisICD-9-CME8851Fall from roller skatesDiagnosisICD-9-CME8852Fall from skateboardDiagnosisICD-9-CM	E8811	Accidental fall from scaffolding	Diagnosis	
E8830Accident from diving or jumping into water (swimming pool)DiagnosisICD-9-CME8831Accidental fall into wellDiagnosisICD-9-CME8832Accidental fall into storm drain or manholeDiagnosisICD-9-CME8839Accidental fall into other hole or other opening in surfaceDiagnosisICD-9-CME8840Other accidental fall from one level to anotherDiagnosisICD-9-CME8841Accidental fall from cliffDiagnosisICD-9-CME8842Accidental fall from chairDiagnosisICD-9-CME8843Accidental fall from wheelchairDiagnosisICD-9-CME8844Accidental fall from bedDiagnosisICD-9-CME8845Accidental fall from other furnitureDiagnosisICD-9-CME8846Accidental fall from commodeDiagnosisICD-9-CME8849Other accidental fall from one level to anotherDiagnosisICD-9-CME885Accidental fall on same level from slipping, tripping, or stumblingDiagnosisICD-9-CME8850Fall on same level from (nonmotorized) scooterDiagnosisICD-9-CME8851Fall from roller skatesDiagnosisICD-9-CME8852Fall from skateboardDiagnosisICD-9-CM	E882	Accidental fall from or out of building or other structure	Diagnosis	ICD-9-CM
E8831Accidental fall into wellDiagnosisICD-9-CME8832Accidental fall into storm drain or manholeDiagnosisICD-9-CME8839Accidental fall into other hole or other opening in surfaceDiagnosisICD-9-CME8840Other accidental fall from one level to anotherDiagnosisICD-9-CME8841Accidental fall from playground equipmentDiagnosisICD-9-CME8842Accidental fall from chairDiagnosisICD-9-CME8843Accidental fall from wheelchairDiagnosisICD-9-CME8844Accidental fall from bedDiagnosisICD-9-CME8845Accidental fall from other furnitureDiagnosisICD-9-CME8846Accidental fall from commodeDiagnosisICD-9-CME8849Other accidental fall from one level to anotherDiagnosisICD-9-CME885Accidental fall on same level from slipping, tripping, or stumblingDiagnosisICD-9-CME8850Fall on same level from (nonmotorized) scooterDiagnosisICD-9-CME8851Fall from roller skatesDiagnosisICD-9-CME8852Fall from skateboardDiagnosisICD-9-CM	E883	Accidental fall into hole or other opening in surface	Diagnosis	ICD-9-CM
E8832 Accidental fall into storm drain or manhole E8839 Accidental fall into other hole or other opening in surface E884 Other accidental fall from one level to another E8840 Accidental fall from playground equipment E8841 Accidental fall from cliff E8842 Accidental fall from chair E8843 Accidental fall from wheelchair E8844 Accidental fall from wheelchair E8845 Accidental fall from bed E8846 Accidental fall from other furniture E8847 Accidental fall from other furniture E8848 Accidental fall from one level to another E8849 Other accidental fall from one level to another E8850 Fall on same level from (nonmotorized) scooter E8851 Fall from skateboard Diagnosis ICD-9-CM E8852 Fall from skateboard	E8830	Accident from diving or jumping into water (swimming pool)	Diagnosis	ICD-9-CM
E8839Accidental fall into other hole or other opening in surfaceDiagnosisICD-9-CME884Other accidental fall from one level to anotherDiagnosisICD-9-CME8840Accidental fall from playground equipmentDiagnosisICD-9-CME8841Accidental fall from cliffDiagnosisICD-9-CME8842Accidental fall from chairDiagnosisICD-9-CME8843Accidental fall from wheelchairDiagnosisICD-9-CME8844Accidental fall from bedDiagnosisICD-9-CME8845Accidental fall from other furnitureDiagnosisICD-9-CME8846Accidental fall from commodeDiagnosisICD-9-CME8849Other accidental fall from one level to anotherDiagnosisICD-9-CME885Accidental fall on same level from slipping, tripping, or stumblingDiagnosisICD-9-CME8850Fall on same level from (nonmotorized) scooterDiagnosisICD-9-CME8851Fall from roller skatesDiagnosisICD-9-CME8852Fall from skateboardDiagnosisICD-9-CM	E8831	Accidental fall into well	Diagnosis	ICD-9-CM
E884Other accidental fall from one level to anotherDiagnosisICD-9-CME8840Accidental fall from playground equipmentDiagnosisICD-9-CME8841Accidental fall from cliffDiagnosisICD-9-CME8842Accidental fall from chairDiagnosisICD-9-CME8843Accidental fall from wheelchairDiagnosisICD-9-CME8844Accidental fall from bedDiagnosisICD-9-CME8845Accidental fall from other furnitureDiagnosisICD-9-CME8846Accidental fall from commodeDiagnosisICD-9-CME8849Other accidental fall from one level to anotherDiagnosisICD-9-CME885Accidental fall on same level from slipping, tripping, or stumblingDiagnosisICD-9-CME8850Fall on same level from (nonmotorized) scooterDiagnosisICD-9-CME8851Fall from roller skatesDiagnosisICD-9-CME8852Fall from skateboardDiagnosisICD-9-CM	E8832	Accidental fall into storm drain or manhole	Diagnosis	ICD-9-CM
E8840Accidental fall from playground equipmentDiagnosisICD-9-CME8841Accidental fall from cliffDiagnosisICD-9-CME8842Accidental fall from chairDiagnosisICD-9-CME8843Accidental fall from wheelchairDiagnosisICD-9-CME8844Accidental fall from bedDiagnosisICD-9-CME8845Accidental fall from other furnitureDiagnosisICD-9-CME8846Accidental fall from commodeDiagnosisICD-9-CME8849Other accidental fall from one level to anotherDiagnosisICD-9-CME885Accidental fall on same level from slipping, tripping, or stumblingDiagnosisICD-9-CME8850Fall on same level from (nonmotorized) scooterDiagnosisICD-9-CME8851Fall from roller skatesDiagnosisICD-9-CME8852Fall from skateboardDiagnosisICD-9-CM	E8839	Accidental fall into other hole or other opening in surface	Diagnosis	ICD-9-CM
E8841Accidental fall from cliffDiagnosisICD-9-CME8842Accidental fall from chairDiagnosisICD-9-CME8843Accidental fall from wheelchairDiagnosisICD-9-CME8844Accidental fall from bedDiagnosisICD-9-CME8845Accidental fall from other furnitureDiagnosisICD-9-CME8846Accidental fall from commodeDiagnosisICD-9-CME8849Other accidental fall from one level to anotherDiagnosisICD-9-CME885Accidental fall on same level from slipping, tripping, or stumblingDiagnosisICD-9-CME8850Fall on same level from (nonmotorized) scooterDiagnosisICD-9-CME8851Fall from roller skatesDiagnosisICD-9-CME8852Fall from skateboardDiagnosisICD-9-CM	E884	Other accidental fall from one level to another	Diagnosis	ICD-9-CM
E8842Accidental fall from chairDiagnosisICD-9-CME8843Accidental fall from wheelchairDiagnosisICD-9-CME8844Accidental fall from bedDiagnosisICD-9-CME8845Accidental fall from other furnitureDiagnosisICD-9-CME8846Accidental fall from commodeDiagnosisICD-9-CME8849Other accidental fall from one level to anotherDiagnosisICD-9-CME885Accidental fall on same level from slipping, tripping, or stumblingDiagnosisICD-9-CME8850Fall on same level from (nonmotorized) scooterDiagnosisICD-9-CME8851Fall from roller skatesDiagnosisICD-9-CME8852Fall from skateboardDiagnosisICD-9-CM	E8840	Accidental fall from playground equipment	Diagnosis	ICD-9-CM
E8843Accidental fall from wheelchairDiagnosisICD-9-CME8844Accidental fall from bedDiagnosisICD-9-CME8845Accidental fall from other furnitureDiagnosisICD-9-CME8846Accidental fall from commodeDiagnosisICD-9-CME8849Other accidental fall from one level to anotherDiagnosisICD-9-CME885Accidental fall on same level from slipping, tripping, or stumblingDiagnosisICD-9-CME8850Fall on same level from (nonmotorized) scooterDiagnosisICD-9-CME8851Fall from roller skatesDiagnosisICD-9-CME8852Fall from skateboardDiagnosisICD-9-CM	E8841	Accidental fall from cliff	Diagnosis	ICD-9-CM
E8844 Accidental fall from bed E8845 Accidental fall from other furniture E8846 Accidental fall from commode E8849 Other accidental fall from one level to another E885 Accidental fall on same level from slipping, tripping, or stumbling E8850 Fall on same level from (nonmotorized) scooter E8851 Fall from roller skates E8852 Fall from skateboard Diagnosis ICD-9-CM	E8842	Accidental fall from chair	Diagnosis	ICD-9-CM
E8845Accidental fall from other furnitureDiagnosisICD-9-CME8846Accidental fall from commodeDiagnosisICD-9-CME8849Other accidental fall from one level to anotherDiagnosisICD-9-CME885Accidental fall on same level from slipping, tripping, or stumblingDiagnosisICD-9-CME8850Fall on same level from (nonmotorized) scooterDiagnosisICD-9-CME8851Fall from roller skatesDiagnosisICD-9-CME8852Fall from skateboardDiagnosisICD-9-CM	E8843	Accidental fall from wheelchair	Diagnosis	ICD-9-CM
E8846Accidental fall from commodeDiagnosisICD-9-CME8849Other accidental fall from one level to anotherDiagnosisICD-9-CME885Accidental fall on same level from slipping, tripping, or stumblingDiagnosisICD-9-CME8850Fall on same level from (nonmotorized) scooterDiagnosisICD-9-CME8851Fall from roller skatesDiagnosisICD-9-CME8852Fall from skateboardDiagnosisICD-9-CM	E8844	Accidental fall from bed	Diagnosis	ICD-9-CM
E8849Other accidental fall from one level to anotherDiagnosisICD-9-CME885Accidental fall on same level from slipping, tripping, or stumblingDiagnosisICD-9-CME8850Fall on same level from (nonmotorized) scooterDiagnosisICD-9-CME8851Fall from roller skatesDiagnosisICD-9-CME8852Fall from skateboardDiagnosisICD-9-CM	E8845	Accidental fall from other furniture	Diagnosis	ICD-9-CM
E885 Accidental fall on same level from slipping, tripping, or stumbling E8850 Fall on same level from (nonmotorized) scooter E8851 Fall from roller skates E8852 Fall from skateboard Diagnosis ICD-9-CM Diagnosis ICD-9-CM Diagnosis ICD-9-CM	E8846	Accidental fall from commode	Diagnosis	ICD-9-CM
E8850Fall on same level from (nonmotorized) scooterDiagnosisICD-9-CME8851Fall from roller skatesDiagnosisICD-9-CME8852Fall from skateboardDiagnosisICD-9-CM	E8849	Other accidental fall from one level to another	Diagnosis	ICD-9-CM
E8851Fall from roller skatesDiagnosisICD-9-CME8852Fall from skateboardDiagnosisICD-9-CM	E885	Accidental fall on same level from slipping, tripping, or stumbling	Diagnosis	ICD-9-CM
E8852 Fall from skateboard Diagnosis ICD-9-CM	E8850	Fall on same level from (nonmotorized) scooter	Diagnosis	ICD-9-CM
	E8851	Fall from roller skates	Diagnosis	ICD-9-CM
E8853 Fall from skis Diagnosis ICD-9-CM	E8852	Fall from skateboard	Diagnosis	ICD-9-CM
	E8853	Fall from skis	Diagnosis	ICD-9-CM

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		Code	
Code	Description	Category	Code Type
E8854	Fall from snowboard	Diagnosis	ICD-9-CM
E8859	Fall from other slipping, tripping, or stumbling	Diagnosis	ICD-9-CM
E886	Accidental fall on same level from collision, pushing, or shoving, by or with other person	Diagnosis	ICD-9-CM
E8860	Accidental fall on same level from collision, pushing, or shoving, by or with other person in sports	Diagnosis	ICD-9-CM
E8869	Other and unspecified accidental falls on same level from collision, pushing, or shoving, by or with other person	Diagnosis	ICD-9-CM
E887	Fracture in accidental fall, cause unspecified	Diagnosis	ICD-9-CM
E888	Other and unspecified accidental fall	Diagnosis	ICD-9-CM
E8880	Fall resulting in striking against sharp object	Diagnosis	ICD-9-CM
E8881	Fall resulting in striking against other object	Diagnosis	ICD-9-CM
E8888	Other fall	Diagnosis	ICD-9-CM
E8889	Unspecified fall	Diagnosis	ICD-9-CM
E9176	Strike against or struck accidentally by crowd, by collective fear or panic with subsequent fall	Diagnosis	ICD-9-CM
E9177	Strike against or struck accidentally by furniture with subsequent fall	Diagnosis	ICD-9-CM
E9178	Strike against or struck accidentally by other stationary object with subsequent fall	Diagnosis	ICD-9-CM
E9179	Other accident caused by striking against or being struck accidentally by objects or persons	Diagnosis	ICD-9-CM
E9293	Late effects of accidental fall	Diagnosis	ICD-9-CM
807	Closed fracture of rib(s)	Diagnosis	ICD-9-CM
807	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
807.1	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
810	Fracture of clavicle	Diagnosis	ICD-9-CM
810	Closed fracture of clavicle	Diagnosis	ICD-9-CM
810	Unspecified part of closed fracture of clavicle	Diagnosis	ICD-9-CM
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to Define B	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
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
810.1	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
813	Fracture of radius and ulna	Diagnosis	ICD-9-CM
813	Closed fracture of upper end of radius and ulna	Diagnosis	ICD-9-CM
813	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
813.1	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
813.2	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
813.3	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
813.4	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
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to Define B	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
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
813.5	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
813.8	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
813.9	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
820	Fracture of neck of femur	Diagnosis	ICD-9-CM
820	Closed transcervical fracture	Diagnosis	ICD-9-CM
820	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
820.1	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
820.2	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
820.3	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
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	Daseille Characteristics in this nequest	Code	
Code	Description	Category	Code Type
820.9	Open fracture of unspecified part of neck of femur	Diagnosis	ICD-9-CM
78.11	Application of external fixator device, scapula, clavicle, and thorax [ribs and sternum]	Procedure	ICD-9-CM
78.13	Application of external fixator device, radius and ulna	Procedure	ICD-9-CM
78.15	Application of external fixator device, femur	Procedure	ICD-9-CM
78.41	Other repair or plastic operations on scapula, clavicle, and thorax (ribs and sternum)	Procedure	ICD-9-CM
78.43	Other repair or plastic operations on radius and ulna	Procedure	ICD-9-CM
78.45	Other repair or plastic operations on femur	Procedure	ICD-9-CM
78.51	Internal fixation of scapula, clavicle, and thorax (ribs and sternum) without fracture	Procedure	ICD-9-CM
78.53	Internal fixation of radius and ulna without fracture reduction	Procedure	ICD-9-CM
78.55	Internal fixation of femur without fracture reduction	Procedure	ICD-9-CM
78.61	Removal of implanted device from scapula, clavicle, and thorax (ribs and sternum)	Procedure	ICD-9-CM
78.63	Removal of implanted device from radius and ulna	Procedure	ICD-9-CM
78.65	Removal of implanted device from femur	Procedure	ICD-9-CM
79.02	Closed reduction of fracture of radius and ulna without internal fixation	Procedure	ICD-9-CM
79.05	Closed reduction of fracture of femur without internal fixation	Procedure	ICD-9-CM
79.12	Closed reduction of fracture of radius and ulna with internal fixation	Procedure	ICD-9-CM
79.15	Closed reduction of fracture of femur with internal fixation	Procedure	ICD-9-CM
79.22	Open reduction of fracture of radius and ulna without internal fixation	Procedure	ICD-9-CM
79.25	Open reduction of fracture of femur without internal fixation	Procedure	ICD-9-CM
79.32	Open reduction of fracture of radius and ulna with internal fixation	Procedure	ICD-9-CM
79.35	Open reduction of fracture of femur with internal fixation	Procedure	ICD-9-CM
79.62	Debridement of open fracture of radius and ulna	Procedure	ICD-9-CM
79.65	Debridement of open fracture of femur	Procedure	ICD-9-CM
21800	Closed treatment of broken rib	Procedure	CPT-4
21805	Open treatment of broken rib	Procedure	CPT-4
21810	Treatment of broken rib	Procedure	CPT-4
21812	Open treatment of broken ribs with insertion of hardware	Procedure	CPT-4
21813	Open treatment of broken ribs with insertion of hardware	Procedure	CPT-4
23485	Incision to repair collar bone for nonunion of fracture with bone graft	Procedure	CPT-4
23500	Closed treatment of collar bone fracture	Procedure	CPT-4
23505	Closed treatment of collar bone broken with manipulation	Procedure	CPT-4
23515	Open treatment of collar bone broken	Procedure	CPT-4
24586	Open treatment of broken and/or dislocated upper or lower arm bones at elbow	Procedure	CPT-4
24587	Open treatment of broken and/or dislocated upper or lower arm bones at elbow with	Procedure	CPT-4
24620	Closed treatment of broken and dislocated forearm bones at elbow with manipulation	Procedure	CPT-4
24635	Open treatment of broken and dislocated forearm bones at elbow	Procedure	
24650	Closed treatment of broken forearm bone at elbow	Procedure	CPT-4
24655	Closed treatment of broken forearm bone at elbow with manipulation	Procedure	CPT-4
24665	Open treatment of broken forearm bone at elbow	Procedure	CPT-4
24666	Open treatment of broken forearm bone at elbow with prosthetic replacement	Procedure	CPT-4
24670	Closed treatment of broken forearm bone at elbow	Procedure	CPT-4
24675	Closed treatment of broken forearm bone at elbow with manipulation	Procedure	CPT-4
24685	Open treatment of broken forearm bone at elbow	Procedure	
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	baseline Characteristics in this nequest	Code	
Code	Description	Category	Code Type
25500	Closed treatment of broken forearm bone	Procedure	CPT-4
25505	Closed treatment of broken forearm bone with manipulation	Procedure	CPT-4
25515	Open treatment of broken forearm bone	Procedure	CPT-4
25520	Closed treatment of broken forearm and dislocated wrist bones	Procedure	CPT-4
25525	Open treatment of broken forearm bone and closed treatment of joint dislocation	Procedure	CPT-4
25526	Open treatment of broken forearm bone	Procedure	CPT-4
25530	Closed treatment of broken forearm bone	Procedure	CPT-4
25535	Closed treatment of broken forearm bone with manipulation	Procedure	CPT-4
25545	Open treatment of broken forearm bone	Procedure	CPT-4
25560	Closed treatment of broken forearm bones	Procedure	CPT-4
25565	Closed treatment of broken forearm bones with manipulation	Procedure	CPT-4
25574	Open treatment of broken forearm bones	Procedure	CPT-4
25575	Open treatment of broken forearm bones	Procedure	CPT-4
25600	Closed treatment of broken forearm bones	Procedure	CPT-4
25605	Closed treatment of broken or growth plate separate of forearm bone at wrist with manipulation	Procedure	CPT-4
25606	Insertion of hardware to lower forearm bone broken or growth plate separation, accessed through the skin	Procedure	CPT-4
25607	Open treatment of broken or lower forearm bone or growth plate separation with insertion of hardware	Procedure	CPT-4
25608	Open treatment of broken of lower forearm or growth plate separation with insertion of hardware of 2 fragments	Procedure	CPT-4
25609	Open treatment of broken of lower forearm or growth plate separation with insertion of hardware of 3 or more fragments	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		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 broken forearm bone at wrist bone	Procedure	CPT-4
25651	Insertion of hardware broken bone of forearm at wrist, accessed through the skin	Procedure	CPT-4
25652	Open treatment of broken wrist	Procedure	CPT-4
27230	Closed treatment of upper thigh bone fracture	Procedure	CPT-4
27232	Closed treatment of thigh bone fracture with manipulation	Procedure	CPT-4
27235	Insertion of hardware to broken thigh bone, accessed through the skin	Procedure	CPT-4
27236	Open treatment of broken thigh bone with insertion of hardware or prosthetic replacement	Procedure	CPT-4
27238	Closed treatment of fracture below neck of upper thigh bone	Procedure	CPT-4
27240	Closed treatment of broken thigh bone with manipulation	Procedure	CPT-4
27244	Surgical treatment of broken thigh bone	Procedure	CPT-4
27245	Surgical treatment of broken thigh bone	Procedure	CPT-4
27246	Closed treatment of broken thigh bone	Procedure	CPT-4
27248	Open treatment of broken thigh bone	Procedure	CPT-4
27254	Open treatment of fracture and traumatic dislocation of hip socket and thigh bone	Procedure	CPT-4

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	aseine Characteristics in this nequest	Code	
Code	Description	Category	Code Type
27267	Closed treatment of broken thigh bone	Procedure	CPT-4
27268	Closed treatment of fracture of upper portion and head of thigh bone with manipulation	Procedure	CPT-4
27269	Open treatment of fracture of thigh bone	Procedure	CPT-4
27500	Closed treatment of thigh bone fracture	Procedure	CPT-4
27501	Closed treatment of broken thigh bone	Procedure	CPT-4
27502	Closed treatment of broken thigh bone with manipulation	Procedure	CPT-4
27503	Closed treatment of broken thigh bone with manipulation	Procedure	CPT-4
27506	Open treatment of broken thigh bone	Procedure	CPT-4
27507	Open treatment of broken thigh bone	Procedure	CPT-4
27508	Closed treatment of broken thigh bone	Procedure	CPT-4
27509	Insertion of hardware to stabilize broken thigh bone or separated growth plate, accessed through the skin	Procedure	CPT-4
27510	Closed treatment of broken thigh bone with manipulation	Procedure	CPT-4
27511	Open treatment of broken thigh bone	Procedure	CPT-4
27513	Open treatment of broken thigh bone	Procedure	CPT-4
27514	Open treatment of broken thigh bone	Procedure	CPT-4
E0130	Walker, rigid (pickup), adjustable or fixed height	Procedure	HCPCS
E0135	Walker, folding (pickup), adjustable or fixed height	Procedure	HCPCS
E0140	Walker, with trunk support, adjustable or fixed height, any type	Procedure	HCPCS
E0141	Walker, rigid, wheeled, adjustable or fixed height	Procedure	HCPCS
E0142	Rigid walker, wheeled, with seat	Procedure	HCPCS
E0143	Walker, folding, wheeled, adjustable or fixed height	Procedure	HCPCS
E0144	Walker, enclosed, 4 sided framed, rigid or folding, wheeled with posterior seat	Procedure	HCPCS
E0145	Walker, wheeled, with seat and crutch attachments	Procedure	HCPCS
E0146	Folding walker, wheeled, with seat	Procedure	HCPCS
E0147	Walker, heavy duty, multiple braking system, variable wheel resistance	Procedure	HCPCS
E0148	Walker, heavy-duty, without wheels, rigid or folding, any type, each	Procedure	HCPCS
E0149	Walker, heavy-duty, wheeled, rigid or folding, any type	Procedure	HCPCS
E0154	Platform attachment, walker, each	Procedure	HCPCS
E0155	Wheel attachment, rigid pick-up walker, per pair	Procedure	HCPCS
E0156	Seat attachment, walker	Procedure	HCPCS
E0157	Crutch attachment, walker, each	Procedure	HCPCS
E0158	Leg extensions for walker, per set of 4	Procedure	HCPCS
E0159	Brake attachment for wheeled walker, replacement, each	Procedure	HCPCS
K0458	Heavy duty walker, without wheels, each	Procedure	HCPCS
K0459	Heavy duty wheeled walker, each	Procedure	HCPCS
L1520	Thkao, swivel walker	Procedure	HCPCS
780.2	Syncope and collapse	Diagnosis	ICD-9-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

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		Code	
Code	Description	Category	Code Type
V00.09XD	Pedestrian on foot injured in collision with other pedestrian conveyance, subsequent	Diagnosis	ICD-10-CM
	encounter		
V00.111A	Fall from in-line roller-skates, initial encounter	Diagnosis	ICD-10-CM
V00.111D	Fall from in-line roller-skates, subsequent encounter	Diagnosis	ICD-10-CM
V00.111S	Fall from in-line roller-skates, sequela	Diagnosis	ICD-10-CM
V00.112A	In-line roller-skater colliding with stationary object, initial encounter	Diagnosis	ICD-10-CM
V00.112D	In-line roller-skater colliding with stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V00.112S	In-line roller-skater colliding with stationary object, sequela	Diagnosis	ICD-10-CM
V00.118A	Other in-line roller-skate accident, initial encounter	Diagnosis	ICD-10-CM
V00.118D	Other in-line roller-skate accident, subsequent encounter	Diagnosis	ICD-10-CM
V00.118S	Other in-line roller-skate accident, sequela	Diagnosis	ICD-10-CM
V00.121A	Fall from non-in-line roller-skates, initial encounter	Diagnosis	ICD-10-CM
V00.121D	Fall from non-in-line roller-skates, subsequent encounter	Diagnosis	ICD-10-CM
V00.121S	Fall from non-in-line roller-skates, sequela	Diagnosis	ICD-10-CM
V00.122A	Non-in-line roller-skater colliding with stationary object, initial encounter	Diagnosis	ICD-10-CM
V00.122D	Non-in-line roller-skater colliding with stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V00.122S	Non-in-line roller-skater colliding with stationary object, sequela	Diagnosis	ICD-10-CM
V00.128A	Other non-in-line roller-skating accident, initial encounter	Diagnosis	ICD-10-CM
V00.128D	Other non-in-line roller-skating accident, subsequent encounter	Diagnosis	ICD-10-CM
V00.128S	Other non-in-line roller-skating accident, sequela	Diagnosis	ICD-10-CM
V00.131A	Fall from skateboard, initial encounter	Diagnosis	ICD-10-CM
V00.131D	Fall from skateboard, subsequent encounter	Diagnosis	ICD-10-CM
V00.131S	Fall from skateboard, sequela	Diagnosis	ICD-10-CM
V00.132A	Skateboarder colliding with stationary object, initial encounter	Diagnosis	ICD-10-CM
V00.132D	Skateboarder colliding with stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V00.132S	Skateboarder colliding with stationary object, sequela	Diagnosis	ICD-10-CM
V00.138A	Other skateboard accident, initial encounter	Diagnosis	ICD-10-CM
V00.138D	Other skateboard accident, subsequent encounter	Diagnosis	ICD-10-CM
V00.138S	Other skateboard accident, sequela	Diagnosis	ICD-10-CM
V00.141A	Fall from scooter (nonmotorized), initial encounter	Diagnosis	ICD-10-CM
V00.141D	Fall from scooter (nonmotorized), subsequent encounter	Diagnosis	ICD-10-CM
V00.141S	Fall from scooter (nonmotorized), sequela	Diagnosis	ICD-10-CM
V00.142A	Scooter (nonmotorized) colliding with stationary object, initial encounter	Diagnosis	ICD-10-CM
V00.142D	Scooter (nonmotorized) colliding with stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V00.142S	Scooter (nonmotorized) colliding with stationary object, sequela	Diagnosis	ICD-10-CM
V00.148A	Other scooter (nonmotorized) accident, initial encounter	Diagnosis	ICD-10-CM
V00.148D	Other scooter (nonmotorized) accident, subsequent encounter	Diagnosis	ICD-10-CM
V00.148S	Other scooter (nonmotorized) accident, sequela	Diagnosis	ICD-10-CM
V00.151A	Fall from heelies, initial encounter	Diagnosis	ICD-10-CM
V00.151D	Fall from heelies, subsequent encounter	Diagnosis	ICD-10-CM
V00.151S	Fall from heelies, sequela	Diagnosis	ICD-10-CM
V00.152A	Heelies colliding with stationary object, initial encounter	Diagnosis	ICD-10-CM
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		Code	
Code	Description	Category	Code Type
V00.152S	Heelies colliding with stationary object, sequela	Diagnosis	ICD-10-CM
V00.158A	Other heelies accident, initial encounter	Diagnosis	ICD-10-CM
V00.158D	Other heelies accident, subsequent encounter	Diagnosis	ICD-10-CM
V00.158S	Other heelies accident, sequela	Diagnosis	ICD-10-CM
V00.181A	Fall from other rolling-type pedestrian conveyance, initial encounter	Diagnosis	ICD-10-CM
V00.181D	Fall from other rolling-type pedestrian conveyance, subsequent encounter	Diagnosis	ICD-10-CM
V00.181S	Fall from other rolling-type pedestrian conveyance, sequela	Diagnosis	ICD-10-CM
V00.182A	Pedestrian on other rolling-type pedestrian conveyance colliding with stationary object, initial encounter	Diagnosis	ICD-10-CM
V00.182D	Pedestrian on other rolling-type pedestrian conveyance colliding with stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V00.182S	Pedestrian on other rolling-type pedestrian conveyance colliding with stationary object, sequela	Diagnosis	ICD-10-CM
V00.188A	Other accident on other rolling-type pedestrian conveyance, initial encounter	Diagnosis	ICD-10-CM
V00.188D	Other accident on other rolling-type pedestrian conveyance, subsequent encounter	Diagnosis	ICD-10-CM
V00.188S	Other accident on other rolling-type pedestrian conveyance, sequela	Diagnosis	ICD-10-CM
V00.211A	Fall from ice-skates, initial encounter	Diagnosis	ICD-10-CM
V00.211D	Fall from ice-skates, subsequent encounter	Diagnosis	ICD-10-CM
V00.211S	Fall from ice-skates, sequela	Diagnosis	ICD-10-CM
V00.212A	Ice-skater colliding with stationary object, initial encounter	Diagnosis	ICD-10-CM
V00.212D	Ice-skater colliding with stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V00.212S	Ice-skater colliding with stationary object, sequela	Diagnosis	ICD-10-CM
V00.218A	Other ice-skates accident, initial encounter	Diagnosis	ICD-10-CM
V00.218D	Other ice-skates accident, subsequent encounter	Diagnosis	ICD-10-CM
V00.218S	Other ice-skates accident, sequela	Diagnosis	ICD-10-CM
V00.221A	Fall from sled, initial encounter	Diagnosis	ICD-10-CM
V00.221D	Fall from sled, subsequent encounter	Diagnosis	ICD-10-CM
V00.221S	Fall from sled, sequela	Diagnosis	ICD-10-CM
V00.222A	Sledder colliding with stationary object, initial encounter	Diagnosis	ICD-10-CM
V00.222D	Sledder colliding with stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V00.222S	Sledder colliding with stationary object, sequela	Diagnosis	ICD-10-CM
V00.228A	Other sled accident, initial encounter	Diagnosis	ICD-10-CM
V00.228D	Other sled accident, subsequent encounter	Diagnosis	ICD-10-CM
V00.228S	Other sled accident, sequela	Diagnosis	ICD-10-CM
V00.281A	Fall from other gliding-type pedestrian conveyance, initial encounter	Diagnosis	ICD-10-CM
V00.281D	Fall from other gliding-type pedestrian conveyance, subsequent encounter	Diagnosis	ICD-10-CM
V00.281S	Fall from other gliding-type pedestrian conveyance, sequela	Diagnosis	ICD-10-CM
V00.282A	Pedestrian on other gliding-type pedestrian conveyance colliding with stationary object, initial encounter	Diagnosis	ICD-10-CM
V00.282D	Pedestrian on other gliding-type pedestrian conveyance colliding with stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V00.282S	Pedestrian on other gliding-type pedestrian conveyance colliding with stationary object, sequela	Diagnosis	ICD-10-CM

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Code	Description	Category	Code Type
V00.288A	Other accident on other gliding-type pedestrian conveyance, initial encounter	Diagnosis	ICD-10-CM
V00.288D	Other accident on other gliding-type pedestrian conveyance, subsequent encounter	Diagnosis	ICD-10-CM
V00.288S	Other accident on other gliding-type pedestrian conveyance, sequela	Diagnosis	ICD-10-CM
V00.311A	Fall from snowboard, initial encounter	Diagnosis	ICD-10-CM
V00.311D	Fall from snowboard, subsequent encounter	Diagnosis	ICD-10-CM
V00.311S	Fall from snowboard, sequela	Diagnosis	ICD-10-CM
V00.312A	Snowboarder colliding with stationary object, initial encounter	Diagnosis	ICD-10-CM
V00.312D	Snowboarder colliding with stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V00.312S	Snowboarder colliding with stationary object, sequela	Diagnosis	ICD-10-CM
V00.318A	Other snowboard accident, initial encounter	Diagnosis	ICD-10-CM
V00.318D	Other snowboard accident, subsequent encounter	Diagnosis	ICD-10-CM
V00.318S	Other snowboard accident, sequela	Diagnosis	ICD-10-CM
V00.321A	Fall from snow-skis, initial encounter	Diagnosis	ICD-10-CM
V00.321D	Fall from snow-skis, subsequent encounter	Diagnosis	ICD-10-CM
V00.321S	Fall from snow-skis, sequela	Diagnosis	ICD-10-CM
V00.322A	Snow-skier colliding with stationary object, initial encounter	Diagnosis	ICD-10-CM
V00.322D	Snow-skier colliding with stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V00.322S	Snow-skier colliding with stationary object, sequela	Diagnosis	ICD-10-CM
V00.328A	Other snow-ski accident, initial encounter	Diagnosis	ICD-10-CM
V00.328D	Other snow-ski accident, subsequent encounter	Diagnosis	ICD-10-CM
V00.328S	Other snow-ski accident, sequela	Diagnosis	ICD-10-CM
V00.381A	Fall from other flat-bottomed pedestrian conveyance, initial encounter	Diagnosis	ICD-10-CM
V00.381D	Fall from other flat-bottomed pedestrian conveyance, subsequent encounter	Diagnosis	ICD-10-CM
V00.381S	Fall from other flat-bottomed pedestrian conveyance, sequela	Diagnosis	ICD-10-CM
V00.382A	Pedestrian on other flat-bottomed pedestrian conveyance colliding with stationary object, initial encounter	Diagnosis	ICD-10-CM
V00.382D	Pedestrian on other flat-bottomed pedestrian conveyance colliding with stationary object,	Diagnosis	ICD-10-CM
V00 2020	subsequent encounter	Diamania	ICD 10 CM
V00.382S	Pedestrian on other flat-bottomed pedestrian conveyance colliding with stationary object, sequela	Diagnosis	ICD-10-CM
V00.388A	Other accident on other flat-bottomed pedestrian conveyance, initial encounter	Diagnosis	ICD-10-CM
V00.388D	Other accident on other flat-bottomed pedestrian conveyance, subsequent encounter	Diagnosis	ICD-10-CM
V00.388S	Other accident on other flat-bottomed pedestrian conveyance, sequela	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
V00.811S	Fall from moving wheelchair (powered), sequela	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
V00.812S	Wheelchair (powered) colliding with stationary object, sequela	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
V00.818S	Other accident with wheelchair (powered), sequela	Diagnosis	ICD-10-CM
V00.821A	Fall from baby stroller, initial encounter	Diagnosis	ICD-10-CM

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		Code	
Code	Description	Category	Code Type
V00.821D	Fall from baby stroller, subsequent encounter	Diagnosis	ICD-10-CM
V00.821S	Fall from baby stroller, sequela	Diagnosis	ICD-10-CM
V00.822A	Baby stroller colliding with stationary object, initial encounter	Diagnosis	ICD-10-CM
V00.822D	Baby stroller colliding with stationary object, subsequent encounter	Diagnosis	ICD-10-CM
V00.822S	Baby stroller colliding with stationary object, sequela	Diagnosis	ICD-10-CM
V00.828A	Other accident with baby stroller, initial encounter	Diagnosis	ICD-10-CM
V00.828D	Other accident with baby stroller, subsequent encounter	Diagnosis	ICD-10-CM
V00.828S	Other accident with baby stroller, sequela	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
V00.831S	Fall from motorized mobility scooter, sequela	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
V00.832S	Motorized mobility scooter colliding with stationary object, sequela	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
V00.838S	Other accident with motorized mobility scooter, sequela	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
V00.891S	Fall from other pedestrian conveyance, sequela	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
V00.892S	Pedestrian on other pedestrian conveyance colliding with stationary object, sequela	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
V00.898S	Other accident on other pedestrian conveyance, sequela	Diagnosis	ICD-10-CM
W00.0XXA	Fall on same level due to ice and snow, initial encounter	Diagnosis	ICD-10-CM
W00.0XXD	Fall on same level due to ice and snow, subsequent encounter	Diagnosis	ICD-10-CM
W00.0XXS	Fall on same level due to ice and snow, sequela	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
W00.1XXS	Fall from stairs and steps due to ice and snow, sequela	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
W00.2XXS	Other fall from one level to another due to ice and snow, sequela	Diagnosis	ICD-10-CM
W00.9XXA	Unspecified fall due to ice and snow, initial encounter	Diagnosis	ICD-10-CM
W00.9XXD	Unspecified fall due to ice and snow, subsequent encounter	Diagnosis	ICD-10-CM
W00.9XXS	Unspecified fall due to ice and snow, sequela	Diagnosis	ICD-10-CM
W01.0XXA	Fall on same level from slipping, tripping and stumbling without subsequent striking against	Diagnosis	ICD-10-CM
	object, initial encounter		
W01.0XXD	Fall on same level from slipping, tripping and stumbling without subsequent striking against	Diagnosis	ICD-10-CM
	object, subsequent encounter		

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		Code	
Code	Description	Category	Code Type
W01.0XXS	Fall on same level from slipping, tripping and stumbling without subsequent striking against object, sequela	Diagnosis	ICD-10-CM
W01.10XA	Fall on same level from slipping, tripping and stumbling with subsequent striking against unspecified object, initial encounter	Diagnosis	ICD-10-CM
W01.10XD	Fall on same level from slipping, tripping and stumbling with subsequent striking against unspecified object, subsequent encounter	Diagnosis	ICD-10-CM
W01.10XS	Fall on same level from slipping, tripping and stumbling with subsequent striking against unspecified object, sequela	Diagnosis	ICD-10-CM
W01.110A	Fall on same level from slipping, tripping and stumbling with subsequent striking against sharp glass, initial encounter	Diagnosis	ICD-10-CM
W01.110D	Fall on same level from slipping, tripping and stumbling with subsequent striking against sharp glass, subsequent encounter	Diagnosis	ICD-10-CM
W01.110S	Fall on same level from slipping, tripping and stumbling with subsequent striking against sharp glass, sequela	Diagnosis	ICD-10-CM
W01.111A	Fall on same level from slipping, tripping and stumbling with subsequent striking against power tool or machine, initial encounter	Diagnosis	ICD-10-CM
W01.111D	Fall on same level from slipping, tripping and stumbling with subsequent striking against power tool or machine, subsequent encounter	Diagnosis	ICD-10-CM
W01.111S	Fall on same level from slipping, tripping and stumbling with subsequent striking against power tool or machine, sequela	Diagnosis	ICD-10-CM
W01.118A	Fall on same level from slipping, tripping and stumbling with subsequent striking against other sharp object, initial encounter	Diagnosis	ICD-10-CM
W01.118D	Fall on same level from slipping, tripping and stumbling with subsequent striking against other sharp object, subsequent encounter	Diagnosis	ICD-10-CM
W01.118S	Fall on same level from slipping, tripping and stumbling with subsequent striking against other sharp object, sequela	Diagnosis	ICD-10-CM
W01.119A	Fall on same level from slipping, tripping and stumbling with subsequent striking against unspecified sharp object, initial encounter	Diagnosis	ICD-10-CM
W01.119D	Fall on same level from slipping, tripping and stumbling with subsequent striking against unspecified sharp object, subsequent encounter	Diagnosis	ICD-10-CM
W01.119S	Fall on same level from slipping, tripping and stumbling with subsequent striking against unspecified sharp object, sequela	Diagnosis	ICD-10-CM
W01.190A	Fall on same level from slipping, tripping and stumbling with subsequent striking against furniture, initial encounter	Diagnosis	ICD-10-CM
W01.190D	Fall on same level from slipping, tripping and stumbling with subsequent striking against furniture, subsequent encounter	Diagnosis	ICD-10-CM
W01.190S	Fall on same level from slipping, tripping and stumbling with subsequent striking against furniture, sequela	Diagnosis	ICD-10-CM
W01.198A	Fall on same level from slipping, tripping and stumbling with subsequent striking against other object, initial encounter	Diagnosis	ICD-10-CM
W01.198D	Fall on same level from slipping, tripping and stumbling with subsequent striking against other object, subsequent encounter	Diagnosis	ICD-10-CM

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		Code	
Code	Description	Category	Code Type
W01.198S	Fall on same level from slipping, tripping and stumbling with subsequent striking against	Diagnosis	ICD-10-CM
	other object, sequela		
W03.XXXA	Other fall on same level due to collision with another person, initial encounter	Diagnosis	ICD-10-CM
W03.XXXD	Other fall on same level due to collision with another person, subsequent encounter	Diagnosis	ICD-10-CM
W03.XXXS	Other fall on same level due to collision with another person, sequela	Diagnosis	ICD-10-CM
W04.XXXA	Fall while being carried or supported by other persons, initial encounter	Diagnosis	ICD-10-CM
W04.XXXD	Fall while being carried or supported by other persons, subsequent encounter	Diagnosis	ICD-10-CM
W04.XXXS	Fall while being carried or supported by other persons, sequela	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
W05.0XXS	Fall from non-moving wheelchair, sequela	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
W05.1XXS	Fall from non-moving nonmotorized scooter, sequela	Diagnosis	ICD-10-CM
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
W05.2XXS	Fall from non-moving motorized mobility scooter, sequela	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
W06.XXXS	Fall from bed, sequela	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
W07.XXXS	Fall from chair, sequela	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
W08.XXXS	Fall from other furniture, sequela	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
W09.0XXS	Fall on or from playground slide, sequela	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
W09.1XXS	Fall from playground swing, sequela	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
W09.2XXS	Fall on or from jungle gym, sequela	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
W09.8XXS	Fall on or from other playground equipment, sequela	Diagnosis	ICD-10-CM
W10.0XXA	Fall (on)(from) escalator, initial encounter	Diagnosis	ICD-10-CM
W10.0XXD	Fall (on)(from) escalator, subsequent encounter	Diagnosis	ICD-10-CM
W10.0XXS	Fall (on)(from) escalator, sequela	Diagnosis	ICD-10-CM
W10.1XXA	Fall (on)(from) sidewalk curb, initial encounter	Diagnosis	ICD-10-CM
	Fall (on)(from) sidewalk curb, subsequent encounter	Diagnosis	ICD-10-CM

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Code	Description	Category	Code Type
W10.1XXS	Fall (on)(from) sidewalk curb, sequela	Diagnosis	ICD-10-CM
W10.2XXA	Fall (on)(from) incline, initial encounter	Diagnosis	ICD-10-CM
W10.2XXD	Fall (on)(from) incline, subsequent encounter	Diagnosis	ICD-10-CM
W10.2XXS	Fall (on)(from) incline, sequela	Diagnosis	ICD-10-CM
W10.8XXA	Fall (on) (from) other stairs and steps, initial encounter	Diagnosis	ICD-10-CM
W10.8XXD	Fall (on) (from) other stairs and steps, subsequent encounter	Diagnosis	ICD-10-CM
W10.8XXS	Fall (on) (from) other stairs and steps, sequela	Diagnosis	ICD-10-CM
W10.9XXA	Fall (on) (from) unspecified stairs and steps, initial encounter	Diagnosis	ICD-10-CM
W10.9XXD	Fall (on) (from) unspecified stairs and steps, subsequent encounter	Diagnosis	ICD-10-CM
W10.9XXS	Fall (on) (from) unspecified stairs and steps, sequela	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
W11.XXXS	Fall on and from ladder, sequela	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
W12.XXXS	Fall on and from scaffolding, sequela	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
W13.0XXS	Fall from, out of or through balcony, sequela	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
W13.1XXS	Fall from, out of or through bridge, sequela	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
W13.2XXS	Fall from, out of or through roof, sequela	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
W13.3XXS	Fall through floor, sequela	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
W13.4XXS	Fall from, out of or through window, sequela	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
W13.8XXS	Fall from, out of or through other building or structure, sequela	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
W13.9XXS	Fall from, out of or through building, not otherwise specified, sequela	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
W14.XXXS	Fall from tree, sequela	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
W15.XXXS	Fall from cliff, sequela	Diagnosis	ICD-10-CM
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	aseinie Characteristics in this nequest	Code	
Code	Description	Category	Code Type
W16.131D	Fall into natural body of water striking side causing drowning and submersion, subsequent	Diagnosis	ICD-10-CM
	encounter		
W16.131S	Fall into natural body of water striking side causing drowning and submersion, sequela	Diagnosis	ICD-10-CM
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
W16.132S	Fall into natural body of water striking side causing other injury, sequela	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
W16.211S	Fall in (into) filled bathtub causing drowning and submersion, sequela	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
W16.212S	Fall in (into) filled bathtub causing other injury, sequela	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
W16.221S	Fall in (into) bucket of water causing drowning and submersion, sequela	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
W16.222S	Fall in (into) bucket of water causing other injury, sequela	Diagnosis	ICD-10-CM
W16.311A	Fall into other water striking water surface causing drowning and submersion, initial	Diagnosis	ICD-10-CM
	encounter		
W16.311D	Fall into other water striking water surface causing drowning and submersion, subsequent	Diagnosis	ICD-10-CM
	encounter		
W16.311S	Fall into other water striking water surface causing drowning and submersion, sequela	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
W16.312S	Fall into other water striking water surface causing other injury, sequela	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	Diagnosis	ICD-10-CM
	encounter		
W16.321S	Fall into other water striking bottom causing drowning and submersion, sequela	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
W16.322S	Fall into other water striking bottom causing other injury, sequela	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
W16.331S	Fall into other water striking wall causing drowning and submersion, sequela	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
W16.332S	Fall into other water striking wall causing other injury, sequela	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
W16.41XS	Fall into unspecified water causing drowning and submersion, sequela	Diagnosis	ICD-10-CM
W16.42XA	Fall into unspecified water causing other injury, initial encounter	Diagnosis	ICD-10-CM

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to Benne B	aseille Characteristics in this nequest	Code	
Code	Description	Category	Code Type
W16.42XD	Fall into unspecified water causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.42XS	Fall into unspecified water causing other injury, sequela	Diagnosis	ICD-10-CM
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
W16.511S	Jumping or diving into swimming pool striking water surface causing drowning and submersion, sequela	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
W16.512S	Jumping or diving into swimming pool striking water surface causing other injury, sequela	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
W16.521S	Jumping or diving into swimming pool striking bottom causing drowning and submersion, sequela	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
W16.522S	Jumping or diving into swimming pool striking bottom causing other injury, sequela	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
W16.531S	Jumping or diving into swimming pool striking wall causing drowning and submersion, sequela	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
W16.532S	Jumping or diving into swimming pool striking wall causing other injury, sequela	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
W16.611S	Jumping or diving into natural body of water striking water surface causing drowning and submersion, sequela	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

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10 2011110 0	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
W16.612S	Jumping or diving into natural body of water striking water surface causing other injury,	Diagnosis	ICD-10-CM
	sequela		
W16.621A	Jumping or diving into natural body of water striking bottom causing drowning and	Diagnosis	ICD-10-CM
	submersion, initial encounter		
W16.621D	Jumping or diving into natural body of water striking bottom causing drowning and	Diagnosis	ICD-10-CM
W46 6346	submersion, subsequent encounter	Diamonia	100 40 684
W16.621S	Jumping or diving into natural body of water striking bottom causing drowning and submersion, sequela	Diagnosis	ICD-10-CM
W16.622A	Jumping or diving into natural body of water striking bottom causing other injury, initial	Diagnosis	ICD-10-CM
VV 10.022A	encounter	Diagilosis	ICD-10-CIVI
W16.622D	Jumping or diving into natural body of water striking bottom causing other injury,	Diagnosis	ICD-10-CM
***10.0225	subsequent encounter	2106110313	100 10 0.11
W16.622S	Jumping or diving into natural body of water striking bottom causing other injury, sequela	Diagnosis	ICD-10-CM
W16.711A	Jumping or diving from boat striking water surface causing drowning and submersion, initial	Diagnosis	ICD-10-CM
	encounter		
W16.711D	Jumping or diving from boat striking water surface causing drowning and submersion,	Diagnosis	ICD-10-CM
	subsequent encounter		
W16.711S	Jumping or diving from boat striking water surface causing drowning and submersion,	Diagnosis	ICD-10-CM
	sequela		
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
W16.712S	Jumping or diving from boat striking water surface causing other injury, sequela	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	Diagnosis	ICD-10-CM
	encounter		
W16.721S	Jumping or diving from boat striking bottom causing drowning and submersion, sequela	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
W16.722S	Jumping or diving from boat striking bottom causing other injury, sequela	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,	Diagnosis	ICD-10-CM
	subsequent encounter		
W16.811S	Jumping or diving into other water striking water surface causing drowning and submersion,	Diagnosis	ICD-10-CM
	sequela		
W16.812A	Jumping or diving into other water striking water surface causing other injury, initial	Diagnosis	ICD-10-CM
	encounter		
W16.812D	Jumping or diving into other water striking water surface causing other injury, subsequent encounter	Diagnosis	ICD-10-CM
W16.812S	Jumping or diving into other water striking water surface causing other injury, sequela	Diagnosis	ICD-10-CM
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		Code	
Code	Description	Category	Code Type
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
W16.821S	Jumping or diving into other water striking bottom causing drowning and submersion, sequela	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
W16.822S	Jumping or diving into other water striking bottom causing other injury, sequela	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
W16.831S	Jumping or diving into other water striking wall causing drowning and submersion, sequela	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
W16.832S	Jumping or diving into other water striking wall causing other injury, sequela	Diagnosis	ICD-10-CM
W16.91XA	Jumping or diving into unspecified water causing drowning and submersion, initial	Diagnosis	ICD-10-CM
W16.91XD	Jumping or diving into unspecified water causing drowning and submersion, subsequent encounter	Diagnosis	ICD-10-CM
W16.91XS	Jumping or diving into unspecified water causing drowning and submersion, sequela	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
W16.92XS	Jumping or diving into unspecified water causing other injury, sequela	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
W17.0XXS	Fall into well, sequela	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
W17.1XXS	Fall into storm drain or manhole, sequela	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
W17.2XXS	Fall into hole, sequela	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
W17.3XXS	Fall into empty swimming pool, sequela	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
W17.4XXS	Fall from dock, sequela	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
W17.81XS	Fall down embankment (hill), sequela	Diagnosis	ICD-10-CM

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to Define D	aseinie Characteristics in this nequest	Code	
Code	Description	Category	Code Type
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
W17.82XS	Fall from (out of) grocery cart, sequela	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
W17.89XS	Other fall from one level to another, sequela	Diagnosis	ICD-10-CM
W18.00XA	Striking against unspecified object with subsequent fall, initial encounter	Diagnosis	ICD-10-CM
W18.00XD	Striking against unspecified object with subsequent fall, subsequent encounter	Diagnosis	ICD-10-CM
W18.00XS	Striking against unspecified object with subsequent fall, sequela	Diagnosis	ICD-10-CM
W18.01XA	Striking against sports equipment with subsequent fall, initial encounter	Diagnosis	ICD-10-CM
W18.01XD	Striking against sports equipment with subsequent fall, subsequent encounter	Diagnosis	ICD-10-CM
W18.01XS	Striking against sports equipment with subsequent fall, sequela	Diagnosis	ICD-10-CM
W18.02XA	Striking against glass with subsequent fall, initial encounter	Diagnosis	ICD-10-CM
W18.02XD	Striking against glass with subsequent fall, subsequent encounter	Diagnosis	ICD-10-CM
W18.02XS	Striking against glass with subsequent fall, sequela	Diagnosis	ICD-10-CM
W18.09XA	Striking against other object with subsequent fall, initial encounter	Diagnosis	ICD-10-CM
W18.09XD	Striking against other object with subsequent fall, subsequent encounter	Diagnosis	ICD-10-CM
W18.09XS	Striking against other object with subsequent fall, sequela	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
W18.11XS	Fall from or off toilet without subsequent striking against object, sequela	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
W18.12XS	Fall from or off toilet with subsequent striking against object, sequela	Diagnosis	ICD-10-CM
W18.2XXA	Fall in (into) shower or empty bathtub, initial encounter	Diagnosis	ICD-10-CM
W18.2XXD	Fall in (into) shower or empty bathtub, subsequent encounter	Diagnosis	ICD-10-CM
W18.2XXS	Fall in (into) shower or empty bathtub, sequela	Diagnosis	ICD-10-CM
W18.30XA	Fall on same level, unspecified, initial encounter	Diagnosis	ICD-10-CM
W18.30XD	Fall on same level, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
W18.30XS	Fall on same level, unspecified, sequela	Diagnosis	ICD-10-CM
W18.31XA	Fall on same level due to stepping on an object, initial encounter	Diagnosis	ICD-10-CM
W18.31XD	Fall on same level due to stepping on an object, subsequent encounter	Diagnosis	ICD-10-CM
W18.31XS	Fall on same level due to stepping on an object, sequela	Diagnosis	ICD-10-CM
W18.39XA	Other fall on same level, initial encounter	Diagnosis	ICD-10-CM
W18.39XD	Other fall on same level, subsequent encounter	Diagnosis	ICD-10-CM
W18.39XS	Other fall on same level, sequela	Diagnosis	ICD-10-CM
W18.40XA	Slipping, tripping and stumbling without falling, unspecified, initial encounter	Diagnosis	ICD-10-CM
W18.40XD	Slipping, tripping and stumbling without falling, unspecified, subsequent encounter	Diagnosis	ICD-10-CM
W18.40XS	Slipping, tripping and stumbling without falling, unspecified, sequela	Diagnosis	ICD-10-CM
W18.41XA	Slipping, tripping and stumbling without falling due to stepping on object, initial encounter	Diagnosis	ICD-10-CM
W18.41XD	Slipping, tripping and stumbling without falling due to stepping on object, subsequent encounter	Diagnosis	ICD-10-CM
W18.41XS	Slipping, tripping and stumbling without falling due to stepping on object, sequela	Diagnosis	ICD-10-CM

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	aseinie Characteristics in this nequest	Code	
Code	Description	Category	Code Type
W18.42XA	Slipping, tripping and stumbling without falling due to stepping into hole or opening, initial encounter	Diagnosis	ICD-10-CM
W18.42XD	Slipping, tripping and stumbling without falling due to stepping into hole or opening, subsequent encounter	Diagnosis	ICD-10-CM
W18.42XS	Slipping, tripping and stumbling without falling due to stepping into hole or opening,	Diagnosis	ICD-10-CM
W18.43XA	Slipping, tripping and stumbling without falling due to stepping from one level to another, initial encounter	Diagnosis	ICD-10-CM
W18.43XD	Slipping, tripping and stumbling without falling due to stepping from one level to another, subsequent encounter	Diagnosis	ICD-10-CM
W18.43XS	Slipping, tripping and stumbling without falling due to stepping from one level to another, sequela	Diagnosis	ICD-10-CM
W18.49XA	Other slipping, tripping and stumbling without falling, initial encounter	Diagnosis	ICD-10-CM
W18.49XD	Other slipping, tripping and stumbling without falling, subsequent encounter	Diagnosis	ICD-10-CM
W18.49XS	Other slipping, tripping and stumbling without falling, sequela	Diagnosis	ICD-10-CM
W19.XXXA	Unspecified fall, initial encounter	Diagnosis	ICD-10-CM
W19.XXXD	Unspecified fall, subsequent encounter	Diagnosis	ICD-10-CM
W19.XXXS	Unspecified fall, sequela	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
W50.4XXA	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
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
S42.001A	Fracture of unspecified part of right clavicle, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Category	Code Type
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	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	Diagnosis	ICD-10-CM
S42.015A	Posterior displaced fracture of sternal end of left clavicle, initial encounter for closed	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	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

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	aseine Characteristics in this nequest	Code	
Code	Description	Category	Code Type
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	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
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

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	·	Code	
Code	Description	Category	Code Type
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
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

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	•	Code	
Code	Description	Category	Code Type
S52.034C	Nondisplaced fracture of olecranon process with intraarticular extension of right ulna, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type IIIA, IIIB, or IIIC		
S52.035A	Nondisplaced fracture of olecranon process with intraarticular extension of left ulna, initial	Diagnosis	ICD-10-CM
CE3 03ED	encounter for closed fracture	Diamasia	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	Diagnosis	ICD-10-CM
332.0330	encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD 10 CIVI
S52.036A	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna,	Diagnosis	ICD-10-CM
	initial encounter for closed fracture		
S52.036B	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna,	Diagnosis	ICD-10-CM
	initial encounter for open fracture type I or II		
S52.036C	Nondisplaced fracture of olecranon process with intraarticular extension of unspecified ulna,	Diagnosis	ICD-10-CM
	initial encounter for open fracture type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
CE2 044 C	l or II	Diamaria	100 40 684
S52.041C	Displaced fracture of coronoid process of right ulna, initial encounter for open fracture type	Diagnosis	ICD-10-CM
S52.042A	IIIA, IIIB, or IIIC 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 closed fracture type I	Diagnosis	ICD-10-CM
002.0.22	or II	2.0800.0	.02 20 0
S52.042C	Displaced fracture of coronoid process of left ulna, initial encounter for open fracture type	Diagnosis	ICD-10-CM
	IIIA, IIIB, or IIIC		
S52.043A	Displaced fracture of coronoid process of unspecified ulna, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S52.043B	Displaced fracture of coronoid process of unspecified ulna, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		105 40 614
S52.043C	Displaced fracture of coronoid process of unspecified ulna, initial encounter for open	Diagnosis	ICD-10-CM
S52.044A	fracture type IIIA, IIIB, or IIIC Nondisplaced fracture of coronoid process of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.044A	Nondisplaced fracture of coronoid process of right ulna, initial encounter for closed fracture Nondisplaced fracture of coronoid process of right ulna, initial encounter for open fracture	Diagnosis	ICD-10-CIVI
332.0446	type I or II	Diagnosis	TED TO CIVI
S52.044C	Nondisplaced fracture of coronoid process of right ulna, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC	J	
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	Diagnosis	ICD-10-CM
	type I or II		
S52.045C	Nondisplaced fracture of coronoid process of left ulna, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		
S52.046A	Nondisplaced fracture of coronoid process of unspecified ulna, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		

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		Code	
Code	Description	Category	Code Type
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	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	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	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	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		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

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to Benne B	aseinie Characteristics in this nequest	Code	
Code	Description	Category	Code Type
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	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	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

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	·	Code	
Code	Description	Category	Code Type
S52.182C	Other fracture of upper end of left radius, initial encounter for open fracture type IIIA, IIIB,	Diagnosis	ICD-10-CM
	or IIIC		
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	Diagnosis	ICD-10-CM
	or II		
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	Diagnosis	ICD-10-CM
	IIIC	J	
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	Diagnosis	ICD-10-CM
S52.209C	Unspecified fracture of shaft of unspecified ulna, initial encounter for open fracture type	Diagnosis	ICD-10-CM
	IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	or II	J	
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	Diagnosis	ICD-10-CM
S52.223B	Displaced transverse fracture of shaft of unspecified ulna, initial encounter for open fracture	_	ICD-10-CM
	type I or II		
S52.223C	Displaced transverse fracture of shaft of unspecified ulna, initial encounter for open fracture	Diagnosis	ICD-10-CM
S52.224A	type IIIA, IIIB, or IIIC Nondisplaced transverse fracture of shaft of right ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.224A S52.224B	Nondisplaced transverse fracture of shaft of right ulna, initial encounter for open fracture	Diagnosis	ICD-10-CM
332.2240	type I or II	Diagnosis	ICD TO CIVI
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

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		Code	
Code	Description	Category	Code Type
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	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
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

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	·	Code	
Code	Description	Category	Code Type
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	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	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	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

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		Code	
Code	Description	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
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

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		Code	
Code	Description	Category	Code Type
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	Diagnosis	ICD-10-CM
S52.265C	fracture type I or II Nondisplaced segmental fracture of shaft of ulna, left arm, initial encounter for open	Diagnosis	ICD-10-CM
S52.266A	fracture type IIIA, IIIB, or IIIC Nondisplaced segmental fracture of shaft of ulna, unspecified arm, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture	_	
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
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

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Code	Description	Category	Code Type
S52.301C	Unspecified fracture of shaft of right radius, initial encounter for open fracture type IIIA, IIIB,		ICD-10-CM
332.3010	or IIIC	Diagnosis	ICD-10-CIVI
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
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

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		Code	
Code	Description	Category	Code Type
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	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	_	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

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	·	Code	
Code	Description	Category	Code Type
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
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

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		Code	
Code	Description	Category	Code Type
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	Diagnosis	ICD-10-CM
S52.361B	Displaced segmental fracture of shaft of radius, right arm, initial encounter for open fracture type I or II	_	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

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	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
S52.365B	Nondisplaced segmental fracture of shaft of radius, left arm, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S52.365C	Nondisplaced segmental fracture of shaft of radius, left arm, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
S52.366A	Nondisplaced segmental fracture of shaft of radius, unspecified arm, initial encounter for	Diagnosis	ICD-10-CM
	closed fracture		
S52.366B	Nondisplaced segmental fracture of shaft of radius, unspecified arm, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II		
S52.366C	Nondisplaced segmental fracture of shaft of radius, unspecified arm, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		100 10 011
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 S52.379C	Galeazzi's fracture of unspecified radius, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
352.379C	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,	Diagnosis	ICD-10-CM
	or IIIC		
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,	Diagnosis	ICD-10-CM
	or IIIC		
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	Diagnosis	ICD-10-CM
	or II		
S52.399C	Other fracture of shaft of radius, unspecified arm, initial encounter for open fracture type	Diagnosis	ICD-10-CM
	IIIA, IIIB, or IIIC		
S52.501A	Unspecified fracture of the lower end of right radius, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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to Define B	aseline Characteristics in this Request	Code	
Code	Description	Code	Code Type
S52.501B	Unspecified fracture of the lower end of right radius, initial encounter for open fracture type		ICD-10-CM
332.3010	I or II	Diagnosis	ICD-10-CIVI
S52.501C	Unspecified fracture of the lower end of right radius, initial encounter for open fracture type	Diagnosis	ICD-10-CM
002.0020	IIIA, IIIB, or IIIC	2.00.00.0	.02 20 0
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	Diagnosis	ICD-10-CM
	or II		
S52.502C	Unspecified fracture of the lower end of left radius, initial encounter for open fracture type	Diagnosis	ICD-10-CM
	IIIA, IIIB, or IIIC		
S52.509A	Unspecified fracture of the lower end of unspecified radius, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S52.509B	Unspecified fracture of the lower end of unspecified radius, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S52.509C	Unspecified fracture of the lower end of unspecified radius, initial encounter for open	Diagnosis	ICD-10-CM
CE2 E44A	fracture type IIIA, IIIB, or IIIC	Diamonia	100 40 614
S52.511A	Displaced fracture of right radial styloid process, initial encounter for closed fracture	Diagnosis	ICD-10-CM
S52.511B S52.511C	Displaced fracture of right radial styloid process, initial encounter for open fracture type I or Displaced fracture of right radial styloid process, initial encounter for open fracture type IIIA,	Diagnosis	ICD-10-CM
352.511C	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
S52.512R	Displaced fracture of left radial styloid process, initial encounter for open fracture type I or II	•	ICD-10-CM
S52.512C	Displaced fracture of left radial styloid process, initial encounter for open fracture type IIIA,	Diagnosis	ICD-10-CM
	IIIB, or IIIC	Ü	
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	Diagnosis	ICD-10-CM
	type I or II		
S52.513C	Displaced fracture of unspecified radial styloid process, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
050 5440	lor II		100 40 014
S52.514C	Nondisplaced fracture of right radial styloid process, initial encounter for open fracture type	Diagnosis	ICD-10-CM
CE2 E4EA	IIIA, IIIB, or IIIC	Diagrapia	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	Diagnosis	ICD-10-CM
332.3130	IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CIVI
S52.516A	Nondisplaced fracture of unspecified radial styloid process, initial encounter for closed	Diagnosis	ICD-10-CM
332.310/	fracture	2100110313	.00 10 011
S52.516B	Nondisplaced fracture of unspecified radial styloid process, initial encounter for open	Diagnosis	ICD-10-CM
-	fracture type I or II	5	
	••		

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	asemie enaracteristics in this request	Code	
Code	Description	Category	Code Type
S52.516C	Nondisplaced fracture of unspecified radial styloid process, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
S52.551A	Other extraarticular fracture of lower end of right radius, initial encounter for closed	Diagnosis	ICD-10-CM
S52.551B	Other extraarticular fracture of lower end of right radius, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type I or II		
S52.551C	Other extraarticular fracture of lower end of right radius, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	type I or II		
S52.552C	Other extraarticular fracture of lower end of left radius, initial encounter for open fracture	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		
S52.559A	Other extraarticular fracture of lower end of unspecified radius, initial encounter for closed	Diagnosis	ICD-10-CM
	fracture		
S52.559B	Other extraarticular fracture of lower end of unspecified radius, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type I or II		
S52.559C	Other extraarticular fracture of lower end of unspecified radius, initial encounter for open	Diagnosis	ICD-10-CM
	fracture type IIIA, IIIB, or IIIC		
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

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	aseine Characteristics in this nequest	Code	
Code	Description	Category	Code Type
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	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
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

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	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
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	Diagnosis	ICD-10-CM
	type IIIA, IIIB, or IIIC		
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	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	Diagnosis	ICD-10-CM
S52.699A	Other fracture of lower end of unspecified ulna, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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Code	Description	Category	Code Type
S52.699B	Other fracture of lower end of unspecified ulna, initial encounter for open fracture type I or	Diagnosis	ICD-10-CM
S52.699C	Other fracture of lower end of unspecified ulna, initial encounter for open fracture type IIIA,	Diagnosis	ICD-10-CM
CE3 00VA	IIIB, or IIIC	Diamasia	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	Diagnosis	ICD-10-CM
S59.012A	closed fracture 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

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Code	Description	Category	Code Type
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
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

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Code	Description	Category	Code Type
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
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 S72.009B	Fracture of unspecified part of neck of unspecified femur, initial encounter for closed Fracture of unspecified part of neck of unspecified femur, initial encounter for open fracture type I or II	Diagnosis Diagnosis	ICD-10-CM ICD-10-CM

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		Code	
Code	Description	Category	Code Type
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	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

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		Code	
Code	Description	Category	Code Type
S72.025B	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type I or II		
S72.025C	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for	Diagnosis	ICD-10-CM
	open fracture type IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	encounter for open fracture type I or II	_	
S72.026C	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial	Diagnosis	ICD-10-CM
	encounter for open fracture type IIIA, IIIB, or IIIC		
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,	Diagnosis	ICD-10-CM
	or IIIC	J	
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	Diagnosis	ICD-10-CM
	l or II		
S72.033C	Displaced midcervical fracture of unspecified femur, initial encounter for open fracture type	Diagnosis	ICD-10-CM
	IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
	or II		
S72.034C	Nondisplaced midcervical fracture of right femur, initial encounter for open fracture type	Diagnosis	ICD-10-CM
	IIIA, IIIB, or IIIC		
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	Diagnosis	ICD-10-CM
S72.035C	Nondisplaced midcervical fracture of left femur, initial encounter for open fracture type IIIA,	Diagnosis	ICD-10-CM
C72 02CA	IIIB, or IIIC	Diamoria	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	Diagnosis	ICD-10-CM
S72.036C	type I or II Nondisplaced midcervical fracture of unspecified femur, initial encounter for open fracture	Diagnosis	ICD 10 CM
372.030C	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
S72.041A	Displaced fracture of base of neck of right femur, initial encounter for open fracture type I or		ICD-10-CM
S72.041B	Displaced fracture of base of neck of right femur, initial encounter for open fracture type	Diagnosis	ICD-10-CM
J. 2.0 T10	IIIA, IIIB, or IIIC	2145110313	.05 10 0141
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	Diagnosis	ICD-10-CM
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Code	Description	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
S72.043A	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
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	Diagnosis	ICD-10-CM

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Code	Description	Category	Code Type
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	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
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	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

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		Code	
Code	Description	Category	Code Type
572.102C	Unspecified trochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
572.109A	Unspecified trochanteric fracture of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
572.109B	Unspecified trochanteric fracture of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
572.109C	Unspecified trochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
572.111A	Displaced fracture of greater trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
572.111B	Displaced fracture of greater trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
572.111C	Displaced fracture of greater trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
572.112A	Displaced fracture of greater trochanter of left femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
572.112B	Displaced fracture of greater trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
572.112C	Displaced fracture of greater trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
572.113A	Displaced fracture of greater trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
572.113B	Displaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
572.113C	Displaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
572.114A	Nondisplaced fracture of greater trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
572.114B	Nondisplaced fracture of greater trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
572.114C	Nondisplaced fracture of greater trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
572.115A	Nondisplaced fracture of greater trochanter of left femur, initial encounter for closed	Diagnosis	ICD-10-CM
572.115B	Nondisplaced fracture of greater trochanter of left femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
572.115C	Nondisplaced fracture of greater trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
572.116A	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
572.116B	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
572.116C	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	Diagnosis	ICD-10-CM
572.121A	Displaced fracture of lesser trochanter of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM
572.121B	Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type I or II	Diagnosis	ICD-10-CM
572.116C 572.121A 572.121B	fracture type IIIA, IIIB, or IIIC Displaced fracture of lesser trochanter of right femur, initial encounter for closed fracture Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture	Diagn	osis

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	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
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	Diagnosis	ICD-10-CM
S72.124B	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for open fracture type I or II	_	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
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	_	ICD-10-CM
S72.134A	Nondisplaced apophyseal fracture of right femur, initial encounter for closed fracture	Diagnosis	ICD-10-CM

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		Code	
Code	Description	Category	Code Type
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	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	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

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Code	Description	Category	Code Type
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	Diagnosis	ICD-10-CM
S72.22XC	Displaced subtrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC	_	ICD-10-CM
S72.23XA	Displaced subtrochanteric fracture of unspecified femur, initial encounter for closed fracture	_	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
S79.001A	Unspecified physeal fracture of upper end of right femur, initial encounter for closed	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

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Code Description Category Code Type 579.092A Other physeal fracture of upper end of left femur, initial encounter for closed Diagnosis ICD-10-CM 579.093A Other physeal fracture of upper end of unspecified femur, initial encounter for closed Diagnosis ICD-10-CM 0RBND2Z Excision of Right Radius, Open Approach Procedure ICD-10-PCS 0RBN02Z Excision of Right Una, Open Approach Procedure ICD-10-PCS 0RBN02Z Excision of Exition Device into Sternum, Open Approach Procedure ICD-10-PCS 0RH004Z Insertion of Internal Fixation Device into Sternum, Percutaneous Approach Procedure ICD-10-PCS 0RH04AZ Insertion of Internal Fixation Device into 1 to 2 Ribs, Open Approach Procedure ICD-10-PCS 0RH14AZ Insertion of Internal Fixation Device into 1 to 2 Ribs, Percutaneous Endoscopic Approach Procedure ICD-10-PCS 0RH14AZ Insertion of Internal Fixation Device into 3 or More Ribs, Open Approach Procedure ICD-10-PCS 0RH2AZA Insertion of Internal Fixation Device into 3 or More Ribs, Percutaneous Endoscopic Approach Procedure ICD-10-PCS 0RH2AZA Insertion of Inter		aseinie Characteristics in this nequest	Code	
S79,09AOther physeal fracture of upper end of unspecified femur, initial encounter for closedDiagnosisICD-10-CMDPB/D2ZExcision of Right Radius, Open ApproachProcedureICD-10-PCSDPB/D2ZExcision of Right Radius, Open ApproachProcedureICD-10-PCSDPB/D2ZExcision of Left Ulna, Open ApproachProcedureICD-10-PCSOPH004ZInsertion of Internal Fixation Device into Sternum, Open ApproachProcedureICD-10-PCSOPH044ZInsertion of Internal Fixation Device into Sternum, Percutaneous ApproachProcedureICD-10-PCSOPH044ZInsertion of Internal Fixation Device into Sternum, Percutaneous Endoscopic ApproachProcedureICD-10-PCSOPH104ZInsertion of Internal Fixation Device into 1 to 2 Ribs, Open ApproachProcedureICD-10-PCSOPH104ZInsertion of Internal Fixation Device into 1 to 2 Ribs, Open ApproachProcedureICD-10-PCSOPH144ZInsertion of Internal Fixation Device into 3 or More Ribs, Open ApproachProcedureICD-10-PCSOPH244ZInsertion of Internal Fixation Device into 3 or More Ribs, Open ApproachProcedureICD-10-PCSOPH234ZInsertion of Internal Fixation Device into Right Scapula, Open ApproachProcedureICD-10-PCSOPH544ZInsertion of Internal Fixation Device into Right Scapula, Open ApproachProcedureICD-10-PCSOPH544ZInsertion of Internal Fixation Device into Right Scapula, Percutaneous Endoscopic ApproachProcedureICD-10-PCSOPH644ZInsertion of Internal Fixation Device into Right Glenoid Cavity, Open Approach <t< th=""><th>Code</th><th>Description</th><th>Category</th><th>Code Type</th></t<>	Code	Description	Category	Code Type
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OPHH04ZInsertion of Internal Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH05ZInsertion of External Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH06ZInsertion of Intramedullary Internal Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH0BZInsertion of Monoplanar External Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH0CZInsertion of Ring External Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH0DZInsertion of Hybrid External Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH34ZInsertion of Internal Fixation Device into Right Radius, Percutaneous ApproachProcedureICD-10-PCS	OPHB34Z	Insertion of Internal Fixation Device into Left Clavicle, Percutaneous Approach	Procedure	ICD-10-PCS
OPHH05ZInsertion of External Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH06ZInsertion of Intramedullary Internal Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH0BZInsertion of Monoplanar External Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH0CZInsertion of Ring External Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH0DZInsertion of Hybrid External Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH34ZInsertion of Internal Fixation Device into Right Radius, Percutaneous ApproachProcedureICD-10-PCS	OPHB44Z	Insertion of Internal Fixation Device into Left Clavicle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHH06ZInsertion of Intramedullary Internal Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH0BZInsertion of Monoplanar External Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH0CZInsertion of Ring External Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH0DZInsertion of Hybrid External Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH34ZInsertion of Internal Fixation Device into Right Radius, Percutaneous ApproachProcedureICD-10-PCS	0PHH04Z	Insertion of Internal Fixation Device into Right Radius, Open Approach	Procedure	ICD-10-PCS
OPHH0BZInsertion of Monoplanar External Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH0CZInsertion of Ring External Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH0DZInsertion of Hybrid External Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH34ZInsertion of Internal Fixation Device into Right Radius, Percutaneous ApproachProcedureICD-10-PCS	OPHH05Z	Insertion of External Fixation Device into Right Radius, Open Approach	Procedure	ICD-10-PCS
OPHHOCZInsertion of Ring External Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHHODZInsertion of Hybrid External Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH34ZInsertion of Internal Fixation Device into Right Radius, Percutaneous ApproachProcedureICD-10-PCS	OPHH06Z	Insertion of Intramedullary Internal Fixation Device into Right Radius, Open Approach	Procedure	ICD-10-PCS
OPHH0DZInsertion of Hybrid External Fixation Device into Right Radius, Open ApproachProcedureICD-10-PCSOPHH34ZInsertion of Internal Fixation Device into Right Radius, Percutaneous ApproachProcedureICD-10-PCS	OPHH0BZ	Insertion of Monoplanar External Fixation Device into Right Radius, Open Approach	Procedure	ICD-10-PCS
0PHH34Z Insertion of Internal Fixation Device into Right Radius, Percutaneous Approach Procedure ICD-10-PCS	0PHH0CZ	Insertion of Ring External Fixation Device into Right Radius, Open Approach	Procedure	ICD-10-PCS
	0PHH0DZ	Insertion of Hybrid External Fixation Device into Right Radius, Open Approach	Procedure	ICD-10-PCS
0PHH35Z Insertion of External Fixation Device into Right Radius, Percutaneous Approach Procedure ICD-10-PCS	0PHH34Z	Insertion of Internal Fixation Device into Right Radius, Percutaneous Approach	Procedure	ICD-10-PCS
	0PHH35Z	Insertion of External Fixation Device into Right Radius, Percutaneous Approach	Procedure	ICD-10-PCS

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35 2 3 6 2	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
OPHH36Z	Insertion of Intramedullary Internal Fixation Device into Right Radius, Percutaneous	Procedure	ICD-10-PCS
OPHH3BZ	Insertion of Monoplanar External Fixation Device into Right Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPHH3CZ	Insertion of Ring External Fixation Device into Right Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPHH3DZ	Insertion of Hybrid External 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
OPHH45Z	Insertion of External Fixation Device into Right Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PHH46Z	Insertion of Intramedullary Internal Fixation Device into Right Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PHH4BZ	Insertion of Monoplanar External Fixation Device into Right Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PHH4CZ	Insertion of Ring External Fixation Device into Right Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PHH4DZ	Insertion of Hybrid External Fixation Device into Right Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PHJ04Z	Insertion of Internal Fixation Device into Left Radius, Open Approach	Procedure	ICD-10-PCS
0PHJ05Z	Insertion of External 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
OPHJ0BZ	Insertion of Monoplanar External Fixation Device into Left Radius, Open Approach	Procedure	ICD-10-PCS
0PHJ0CZ	Insertion of Ring External Fixation Device into Left Radius, Open Approach	Procedure	ICD-10-PCS
0PHJ0DZ	Insertion of Hybrid External Fixation Device into Left Radius, Open Approach	Procedure	ICD-10-PCS
0PHJ34Z	Insertion of Internal Fixation Device into Left Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPHJ35Z	Insertion of External 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
OPHJ3BZ	Insertion of Monoplanar External Fixation Device into Left Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPHJ3CZ	Insertion of Ring External Fixation Device into Left Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPHJ3DZ	Insertion of Hybrid External 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
0PHJ45Z	Insertion of External Fixation Device into Left Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PHJ46Z	Insertion of Intramedullary Internal Fixation Device into Left Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PHJ4BZ	Insertion of Monoplanar External Fixation Device into Left Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PHJ4CZ	Insertion of Ring External Fixation Device into Left Radius, Percutaneous Endoscopic	Procedure	ICD-10-PCS
0PHJ4DZ	Insertion of Hybrid External 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
OPHK05Z	Insertion of External 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
OPHKOBZ	Insertion of Monoplanar External Fixation Device into Right Ulna, Open Approach	Procedure	ICD-10-PCS
0PHK0CZ	Insertion of Ring External Fixation Device into Right Ulna, Open Approach	Procedure	ICD-10-PCS
0PHK0DZ	Insertion of Hybrid External Fixation Device into Right Ulna, Open Approach	Procedure	ICD-10-PCS
0PHK34Z	Insertion of Internal Fixation Device into Right Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPHK35Z	Insertion of External Fixation Device into Right Ulna, Percutaneous Approach	Procedure	ICD-10-PCS

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	aseine Characteristics in this nequest	Code	
Code	Description	Category	Code Type
OPHK36Z	Insertion of Intramedullary Internal Fixation Device into Right Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPHK3BZ	Insertion of Monoplanar External Fixation Device into Right Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPHK3CZ	Insertion of Ring External Fixation Device into Right Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPHK3DZ	Insertion of Hybrid External 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
OPHK45Z	Insertion of External 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
OPHK4BZ	Insertion of Monoplanar External Fixation Device into Right Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHK4CZ	Insertion of Ring External Fixation Device into Right Ulna, Percutaneous Endoscopic	Procedure	ICD-10-PCS
0PHK4DZ	Insertion of Hybrid External 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
0PHL05Z	Insertion of External 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
OPHLOBZ	Insertion of Monoplanar External Fixation Device into Left Ulna, Open Approach	Procedure	ICD-10-PCS
0PHL0CZ	Insertion of Ring External Fixation Device into Left Ulna, Open Approach	Procedure	ICD-10-PCS
OPHLODZ	Insertion of Hybrid External 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
OPHL35Z	Insertion of External 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
OPHL3BZ	Insertion of Monoplanar External Fixation Device into Left Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPHL3CZ	Insertion of Ring External Fixation Device into Left Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPHL3DZ	Insertion of Hybrid External 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
OPHL45Z	Insertion of External 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
OPHL4BZ	Insertion of Monoplanar External Fixation Device into Left Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHL4CZ	Insertion of Ring External Fixation Device into Left Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPHL4DZ	Insertion of Hybrid External Fixation Device into Left Ulna, Percutaneous Endoscopic	Procedure	ICD-10-PCS
OPN00ZZ	Release Sternum, Open Approach	Procedure	ICD-10-PCS
OPN03ZZ	Release Sternum, Percutaneous Approach	Procedure	ICD-10-PCS
OPN04ZZ	Release Sternum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPN10ZZ	Release 1 to 2 Ribs, Open Approach	Procedure	ICD-10-PCS
OPN13ZZ	Release 1 to 2 Ribs, Percutaneous Approach	Procedure	ICD-10-PCS
OPN14ZZ	Release 1 to 2 Ribs, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPN20ZZ	Release 3 or More Ribs, Open Approach	Procedure	ICD-10-PCS
OPN23ZZ	Release 3 or More Ribs, Percutaneous Approach	Procedure	ICD-10-PCS
OPN24ZZ	Release 3 or More Ribs, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPN50ZZ	Release Right Scapula, Open Approach	Procedure	ICD-10-PCS

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	aseinie Characteristics in this nequest	Code	
Code	Description	Category	Code Type
OPN53ZZ	Release Right Scapula, Percutaneous Approach	Procedure	ICD-10-PCS
OPN54ZZ	Release Right Scapula, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPN60ZZ	Release Left Scapula, Open Approach	Procedure	ICD-10-PCS
OPN63ZZ	Release Left Scapula, Percutaneous Approach	Procedure	ICD-10-PCS
OPN64ZZ	Release Left Scapula, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPN70ZZ	Release Right Glenoid Cavity, Open Approach	Procedure	ICD-10-PCS
OPN73ZZ	Release Right Glenoid Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
OPN74ZZ	Release Right Glenoid Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPN80ZZ	Release Left Glenoid Cavity, Open Approach	Procedure	ICD-10-PCS
OPN83ZZ	Release Left Glenoid Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
OPN84ZZ	Release Left Glenoid Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPN90ZZ	Release Right Clavicle, Open Approach	Procedure	ICD-10-PCS
OPN93ZZ	Release Right Clavicle, Percutaneous Approach	Procedure	ICD-10-PCS
OPN94ZZ	Release Right Clavicle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPNB0ZZ	Release Left Clavicle, Open Approach	Procedure	ICD-10-PCS
OPNB3ZZ	Release Left Clavicle, Percutaneous Approach	Procedure	ICD-10-PCS
OPNB4ZZ	Release Left Clavicle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPNH0ZZ	Release Right Radius, Open Approach	Procedure	ICD-10-PCS
OPNH3ZZ	Release Right Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPNH4ZZ	Release Right Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPNJ0ZZ	Release Left Radius, Open Approach	Procedure	ICD-10-PCS
OPNJ3ZZ	Release Left Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPNJ4ZZ	Release Left Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPNK0ZZ	Release Right Ulna, Open Approach	Procedure	ICD-10-PCS
OPNK3ZZ	Release Right Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPNK4ZZ	Release Right Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPNLOZZ	Release Left Ulna, Open Approach	Procedure	ICD-10-PCS
OPNL3ZZ	Release Left Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPNL4ZZ	Release Left Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PP004Z	Removal of Internal Fixation Device from Sternum, Open Approach	Procedure	ICD-10-PCS
0PP007Z	Removal of Autologous Tissue Substitute from Sternum, Open Approach	Procedure	ICD-10-PCS
OPP00JZ	Removal of Synthetic Substitute from Sternum, Open Approach	Procedure	ICD-10-PCS
OPP00KZ	Removal of Nonautologous Tissue Substitute from Sternum, Open Approach	Procedure	ICD-10-PCS
0PP034Z	Removal of Internal Fixation Device from Sternum, Percutaneous Approach	Procedure	ICD-10-PCS
0PP037Z	Removal of Autologous Tissue Substitute from Sternum, Percutaneous Approach	Procedure	ICD-10-PCS
OPP03JZ	Removal of Synthetic Substitute from Sternum, Percutaneous Approach	Procedure	ICD-10-PCS
OPP03KZ	Removal of Nonautologous Tissue Substitute from Sternum, Percutaneous Approach	Procedure	ICD-10-PCS
0PP044Z	Removal of Internal Fixation Device from Sternum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PP047Z	Removal of Autologous Tissue Substitute from Sternum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPP04JZ	Removal of Synthetic Substitute from Sternum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPP04KZ	Removal of Nonautologous Tissue Substitute from Sternum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PP104Z	Removal of Internal Fixation Device from 1 to 2 Ribs, Open Approach	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
0PP107Z	Removal of Autologous Tissue Substitute from 1 to 2 Ribs, Open Approach	Procedure	ICD-10-PCS
OPP10JZ	Removal of Synthetic Substitute from 1 to 2 Ribs, Open Approach	Procedure	ICD-10-PCS
OPP10KZ	Removal of Nonautologous Tissue Substitute from 1 to 2 Ribs, Open Approach	Procedure	ICD-10-PCS
OPP134Z	Removal of Internal Fixation Device from 1 to 2 Ribs, Percutaneous Approach	Procedure	ICD-10-PCS
0PP137Z	Removal of Autologous Tissue Substitute from 1 to 2 Ribs, Percutaneous Approach	Procedure	ICD-10-PCS
OPP13JZ	Removal of Synthetic Substitute from 1 to 2 Ribs, Percutaneous Approach	Procedure	ICD-10-PCS
OPP13KZ	Removal of Nonautologous Tissue Substitute from 1 to 2 Ribs, Percutaneous Approach	Procedure	ICD-10-PCS
OPP144Z	Removal of Internal Fixation Device from 1 to 2 Ribs, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PP147Z	Removal of Autologous Tissue Substitute from 1 to 2 Ribs, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPP14JZ	Removal of Synthetic Substitute from 1 to 2 Ribs, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPP14KZ	Removal of Nonautologous Tissue Substitute from 1 to 2 Ribs, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PP204Z	Removal of Internal Fixation Device from 3 or More Ribs, Open Approach	Procedure	ICD-10-PCS
0PP207Z	Removal of Autologous Tissue Substitute from 3 or More Ribs, Open Approach	Procedure	ICD-10-PCS
OPP20JZ	Removal of Synthetic Substitute from 3 or More Ribs, Open Approach	Procedure	ICD-10-PCS
OPP20KZ	Removal of Nonautologous Tissue Substitute from 3 or More Ribs, Open Approach	Procedure	ICD-10-PCS
0PP234Z	Removal of Internal Fixation Device from 3 or More Ribs, Percutaneous Approach	Procedure	ICD-10-PCS
0PP237Z	Removal of Autologous Tissue Substitute from 3 or More Ribs, Percutaneous Approach	Procedure	ICD-10-PCS
OPP23JZ	Removal of Synthetic Substitute from 3 or More Ribs, Percutaneous Approach	Procedure	ICD-10-PCS
OPP23KZ	Removal of Nonautologous Tissue Substitute from 3 or More Ribs, Percutaneous Approach	Procedure	ICD-10-PCS
0PP244Z	Removal of Internal Fixation Device from 3 or More Ribs, Percutaneous Endoscopic	Procedure	ICD-10-PCS
0PP247Z	Removal of Autologous Tissue Substitute from 3 or More Ribs, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPP24JZ	Removal of Synthetic Substitute from 3 or More Ribs, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPP24KZ	Removal of Nonautologous Tissue Substitute from 3 or More Ribs, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PP504Z	Removal of Internal Fixation Device from Right Scapula, Open Approach	Procedure	ICD-10-PCS
0PP507Z	Removal of Autologous Tissue Substitute from Right Scapula, Open Approach	Procedure	ICD-10-PCS
OPP50JZ	Removal of Synthetic Substitute from Right Scapula, Open Approach	Procedure	ICD-10-PCS
OPP50KZ	Removal of Nonautologous Tissue Substitute from Right Scapula, Open Approach	Procedure	ICD-10-PCS
0PP534Z	Removal of Internal Fixation Device from Right Scapula, Percutaneous Approach	Procedure	ICD-10-PCS
0PP537Z	Removal of Autologous Tissue Substitute from Right Scapula, Percutaneous Approach	Procedure	ICD-10-PCS
OPP53JZ	Removal of Synthetic Substitute from Right Scapula, Percutaneous Approach	Procedure	ICD-10-PCS
OPP53KZ	Removal of Nonautologous Tissue Substitute from Right Scapula, Percutaneous Approach	Procedure	ICD-10-PCS
0PP544Z	Removal of Internal Fixation Device from Right Scapula, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PP547Z	Removal of Autologous Tissue Substitute from Right Scapula, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPP54JZ	Removal of Synthetic Substitute from Right Scapula, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPP54KZ	Removal of Nonautologous Tissue Substitute from Right Scapula, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PP604Z	Removal of Internal Fixation Device from Left Scapula, Open Approach	Procedure	ICD-10-PCS
0PP607Z	Removal of Autologous Tissue Substitute from Left Scapula, Open Approach	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
OPP60JZ	Removal of Synthetic Substitute from Left Scapula, Open Approach	Procedure	ICD-10-PCS
OPP60KZ	Removal of Nonautologous Tissue Substitute from Left Scapula, Open Approach	Procedure	ICD-10-PCS
0PP634Z	Removal of Internal Fixation Device from Left Scapula, Percutaneous Approach	Procedure	ICD-10-PCS
0PP637Z	Removal of Autologous Tissue Substitute from Left Scapula, Percutaneous Approach	Procedure	ICD-10-PCS
OPP63JZ	Removal of Synthetic Substitute from Left Scapula, Percutaneous Approach	Procedure	ICD-10-PCS
OPP63KZ	Removal of Nonautologous Tissue Substitute from Left Scapula, Percutaneous Approach	Procedure	ICD-10-PCS
0PP644Z	Removal of Internal Fixation Device from Left Scapula, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PP647Z	Removal of Autologous Tissue Substitute from Left Scapula, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPP64JZ	Removal of Synthetic Substitute from Left Scapula, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPP64KZ	Removal of Nonautologous Tissue Substitute from Left Scapula, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PP704Z	Removal of Internal Fixation Device from Right Glenoid Cavity, Open Approach	Procedure	ICD-10-PCS
0PP707Z	Removal of Autologous Tissue Substitute from Right Glenoid Cavity, Open Approach	Procedure	ICD-10-PCS
OPP70JZ	Removal of Synthetic Substitute from Right Glenoid Cavity, Open Approach	Procedure	ICD-10-PCS
OPP70KZ	Removal of Nonautologous Tissue Substitute from Right Glenoid Cavity, Open Approach	Procedure	ICD-10-PCS
0PP734Z	Removal of Internal Fixation Device from Right Glenoid Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
0PP737Z	Removal of Autologous Tissue Substitute from Right Glenoid Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
OPP73JZ	Removal of Synthetic Substitute from Right Glenoid Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
OPP73KZ	Removal of Nonautologous Tissue Substitute from Right Glenoid Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
0PP744Z	Removal of Internal Fixation Device from Right Glenoid Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PP747Z	Removal of Autologous Tissue Substitute from Right Glenoid Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPP74JZ	Removal of Synthetic Substitute from Right Glenoid Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPP74KZ	Removal of Nonautologous Tissue Substitute from Right Glenoid Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PP804Z	Removal of Internal Fixation Device from Left Glenoid Cavity, Open Approach	Procedure	ICD-10-PCS
0PP807Z	Removal of Autologous Tissue Substitute from Left Glenoid Cavity, Open Approach	Procedure	ICD-10-PCS
OPP80JZ	Removal of Synthetic Substitute from Left Glenoid Cavity, Open Approach	Procedure	ICD-10-PCS
OPP80KZ	Removal of Nonautologous Tissue Substitute from Left Glenoid Cavity, Open Approach	Procedure	ICD-10-PCS
0PP834Z	Removal of Internal Fixation Device from Left Glenoid Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
0PP837Z	Removal of Autologous Tissue Substitute from Left Glenoid Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
OPP83JZ	Removal of Synthetic Substitute from Left Glenoid Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
OPP83KZ	Removal of Nonautologous Tissue Substitute from Left Glenoid Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
0PP844Z	Removal of Internal Fixation Device from Left Glenoid Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PP847Z	Removal of Autologous Tissue Substitute from Left Glenoid Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPP84JZ	Removal of Synthetic Substitute from Left Glenoid Cavity, Percutaneous Endoscopic	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
OPP84KZ	Removal of Nonautologous Tissue Substitute from Left Glenoid Cavity, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
0PP904Z	Removal of Internal Fixation Device from Right Clavicle, Open Approach	Procedure	ICD-10-PCS
0PP907Z	Removal of Autologous Tissue Substitute from Right Clavicle, Open Approach	Procedure	ICD-10-PCS
OPP90JZ	Removal of Synthetic Substitute from Right Clavicle, Open Approach	Procedure	ICD-10-PCS
OPP90KZ	Removal of Nonautologous Tissue Substitute from Right Clavicle, Open Approach	Procedure	ICD-10-PCS
0PP934Z	Removal of Internal Fixation Device from Right Clavicle, Percutaneous Approach	Procedure	ICD-10-PCS
0PP937Z	Removal of Autologous Tissue Substitute from Right Clavicle, Percutaneous Approach	Procedure	ICD-10-PCS
OPP93JZ	Removal of Synthetic Substitute from Right Clavicle, Percutaneous Approach	Procedure	ICD-10-PCS
OPP93KZ	Removal of Nonautologous Tissue Substitute from Right Clavicle, Percutaneous Approach	Procedure	ICD-10-PCS
0PP944Z	Removal of Internal Fixation Device from Right Clavicle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PP947Z	Removal of Autologous Tissue Substitute from Right Clavicle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPP94JZ	Removal of Synthetic Substitute from Right Clavicle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPP94KZ	Removal of Nonautologous Tissue Substitute from Right Clavicle, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
OPPB04Z	Removal of Internal Fixation Device from Left Clavicle, Open Approach	Procedure	ICD-10-PCS
OPPB07Z	Removal of Autologous Tissue Substitute from Left Clavicle, Open Approach	Procedure	ICD-10-PCS
OPPBOJZ	Removal of Synthetic Substitute from Left Clavicle, Open Approach	Procedure	ICD-10-PCS
OPPBOKZ	Removal of Nonautologous Tissue Substitute from Left Clavicle, Open Approach	Procedure	ICD-10-PCS
OPPB34Z	Removal of Internal Fixation Device from Left Clavicle, Percutaneous Approach	Procedure	ICD-10-PCS
OPPB37Z	Removal of Autologous Tissue Substitute from Left Clavicle, Percutaneous Approach	Procedure	ICD-10-PCS
OPPB3JZ	Removal of Synthetic Substitute from Left Clavicle, Percutaneous Approach	Procedure	ICD-10-PCS
OPPB3KZ	Removal of Nonautologous Tissue Substitute from Left Clavicle, Percutaneous Approach	Procedure	ICD-10-PCS
OPPB44Z	Removal of Internal Fixation Device from Left Clavicle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPPB47Z	Removal of Autologous Tissue Substitute from Left Clavicle, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
OPPB4JZ	Removal of Synthetic Substitute from Left Clavicle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPPB4KZ	Removal of Nonautologous Tissue Substitute from Left Clavicle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPPH04Z	Removal of Internal Fixation Device from Right Radius, Open Approach	Procedure	ICD-10-PCS
OPPH05Z	Removal of External Fixation Device from Right Radius, Open Approach	Procedure	ICD-10-PCS
OPPH07Z	Removal of Autologous Tissue Substitute from Right Radius, Open Approach	Procedure	ICD-10-PCS
OPPH0JZ	Removal of Synthetic Substitute from Right Radius, Open Approach	Procedure	ICD-10-PCS
OPPH0KZ	Removal of Nonautologous Tissue Substitute from Right Radius, Open Approach	Procedure	ICD-10-PCS
OPPH34Z	Removal of Internal Fixation Device from Right Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPPH35Z	Removal of External Fixation Device from Right Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPPH37Z	Removal of Autologous Tissue Substitute from Right Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPPH3JZ	Removal of Synthetic Substitute from Right Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPPH3KZ	Removal of Nonautologous Tissue Substitute from Right Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPPH44Z	Removal of Internal Fixation Device from Right Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPPH45Z	Removal of External Fixation Device from Right Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
OPPH47Z	Removal of Autologous Tissue Substitute from Right Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPPH4JZ	Removal of Synthetic Substitute from Right Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPPH4KZ	Removal of Nonautologous Tissue Substitute from Right Radius, Percutaneous Endoscopic	Procedure	ICD-10-PCS
01111112	Approach	rioccaure	102 10 1 00
OPPJ04Z	Removal of Internal Fixation Device from Left Radius, Open Approach	Procedure	ICD-10-PCS
OPPJ05Z	Removal of External Fixation Device from Left Radius, Open Approach	Procedure	ICD-10-PCS
OPPJ07Z	Removal of Autologous Tissue Substitute from Left Radius, Open Approach	Procedure	ICD-10-PCS
OPPJOJZ	Removal of Synthetic Substitute from Left Radius, Open Approach	Procedure	ICD-10-PCS
OPPJOKZ	Removal of Nonautologous Tissue Substitute from Left Radius, Open Approach	Procedure	ICD-10-PCS
OPPJ34Z	Removal of Internal Fixation Device from Left Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPPJ35Z	Removal of External Fixation Device from Left Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPPJ37Z	Removal of Autologous Tissue Substitute from Left Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPPJ3JZ	Removal of Synthetic Substitute from Left Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPPJ3KZ	Removal of Nonautologous Tissue Substitute from Left Radius, Percutaneous Approach	Procedure	ICD-10-PCS
OPPJ44Z	Removal of Internal Fixation Device from Left Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPPJ45Z	Removal of External Fixation Device from Left Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPPJ47Z	Removal of Autologous Tissue Substitute from Left Radius, Percutaneous Endoscopic	Procedure	ICD-10-PCS
0001417	Approach	Duagadiina	ICD 10 DCC
OPPJ4JZ	Removal of Synthetic Substitute from Left Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPPJ4KZ	Removal of Nonautologous Tissue Substitute from Left Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPPK04Z	Removal of Internal Fixation Device from Right Ulna, Open Approach	Procedure	ICD-10-PCS
OPPK05Z	Removal of External Fixation Device from Right Ulna, Open Approach	Procedure	ICD-10-PCS
OPPK07Z	Removal of Autologous Tissue Substitute from Right Ulna, Open Approach	Procedure	ICD-10-PCS
OPPK0JZ	Removal of Synthetic Substitute from Right Ulna, Open Approach	Procedure	ICD-10-PCS
OPPK0KZ	Removal of Nonautologous Tissue Substitute from Right Ulna, Open Approach	Procedure	ICD-10-PCS
OPPK34Z	Removal of Internal Fixation Device from Right Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPPK35Z	Removal of External Fixation Device from Right Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPPK37Z	Removal of Autologous Tissue Substitute from Right Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPPK3JZ	Removal of Synthetic Substitute from Right Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPPK3KZ	Removal of Nonautologous Tissue Substitute from Right Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPPK44Z	Removal of Internal Fixation Device from Right Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPPK45Z	Removal of External Fixation Device from Right Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPPK47Z	Removal of Autologous Tissue Substitute from Right Ulna, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
OPPK4JZ	Removal of Synthetic Substitute from Right Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPPK4KZ	Removal of Nonautologous Tissue Substitute from Right Ulna, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
OPPL04Z	Removal of Internal Fixation Device from Left Ulna, Open Approach	Procedure	ICD-10-PCS
OPPL05Z	Removal of External Fixation Device from Left Ulna, Open Approach	Procedure	ICD-10-PCS
OPPL07Z	Removal of Autologous Tissue Substitute from Left Ulna, Open Approach	Procedure	ICD-10-PCS
OPPLOJZ	Removal of Synthetic Substitute from Left Ulna, Open Approach	Procedure	ICD-10-PCS

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15 2 3 6	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
OPPLOKZ	Removal of Nonautologous Tissue Substitute from Left Ulna, Open Approach	Procedure	ICD-10-PCS
OPPL34Z	Removal of Internal Fixation Device from Left Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPPL35Z	Removal of External Fixation Device from Left Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPPL37Z	Removal of Autologous Tissue Substitute from Left Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPPL3JZ	Removal of Synthetic Substitute from Left Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPPL3KZ	Removal of Nonautologous Tissue Substitute from Left Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
OPPL44Z	Removal of Internal Fixation Device from Left Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPPL45Z	Removal of External Fixation Device from Left Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPPL47Z	Removal of Autologous Tissue Substitute from Left Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPPL4JZ	Removal of Synthetic Substitute from Left Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPPL4KZ	Removal of Nonautologous Tissue Substitute from Left Ulna, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0PQ00ZZ	Repair Sternum, Open Approach	Procedure	ICD-10-PCS
0PQ03ZZ	Repair Sternum, Percutaneous Approach	Procedure	ICD-10-PCS
0PQ04ZZ	Repair Sternum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PQ0XZZ	Repair Sternum, External Approach	Procedure	ICD-10-PCS
OPQ10ZZ	Repair 1 to 2 Ribs, Open Approach	Procedure	ICD-10-PCS
OPQ13ZZ	Repair 1 to 2 Ribs, Percutaneous Approach	Procedure	ICD-10-PCS
OPQ14ZZ	Repair 1 to 2 Ribs, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PQ1XZZ	Repair 1 to 2 Ribs, External Approach	Procedure	ICD-10-PCS
0PQ20ZZ	Repair 3 or More Ribs, Open Approach	Procedure	ICD-10-PCS
0PQ23ZZ	Repair 3 or More Ribs, Percutaneous Approach	Procedure	ICD-10-PCS
0PQ24ZZ	Repair 3 or More Ribs, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PQ2XZZ	Repair 3 or More Ribs, External Approach	Procedure	ICD-10-PCS
0PQ50ZZ	Repair Right Scapula, Open Approach	Procedure	ICD-10-PCS
0PQ53ZZ	Repair Right Scapula, Percutaneous Approach	Procedure	ICD-10-PCS
0PQ54ZZ	Repair Right Scapula, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PQ5XZZ	Repair Right Scapula, External Approach	Procedure	ICD-10-PCS
OPQ60ZZ	Repair Left Scapula, Open Approach	Procedure	ICD-10-PCS
0PQ63ZZ	Repair Left Scapula, Percutaneous Approach	Procedure	ICD-10-PCS
OPQ64ZZ	Repair Left Scapula, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PQ6XZZ	Repair Left Scapula, External Approach	Procedure	ICD-10-PCS
OPQ70ZZ	Repair Right Glenoid Cavity, Open Approach	Procedure	ICD-10-PCS
OPQ73ZZ	Repair Right Glenoid Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
OPQ74ZZ	Repair Right Glenoid Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PQ7XZZ	Repair Right Glenoid Cavity, External Approach	Procedure	ICD-10-PCS
OPQ80ZZ	Repair Left Glenoid Cavity, Open Approach	Procedure	ICD-10-PCS
0PQ83ZZ	Repair Left Glenoid Cavity, Percutaneous Approach	Procedure	ICD-10-PCS
0PQ84ZZ	Repair Left Glenoid Cavity, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PQ8XZZ	Repair Left Glenoid Cavity, External Approach	Procedure	ICD-10-PCS
0PQ90ZZ	Repair Right Clavicle, Open Approach	Procedure	ICD-10-PCS
0PQ93ZZ	Repair Right Clavicle, Percutaneous Approach	Procedure	ICD-10-PCS
0PQ94ZZ	Repair Right Clavicle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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to befine b	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
0PQ9XZZ	Repair Right Clavicle, External Approach	Procedure	ICD-10-PCS
OPQB0ZZ	Repair Left Clavicle, Open Approach	Procedure	ICD-10-PCS
OPQB3ZZ	Repair Left Clavicle, Percutaneous Approach	Procedure	ICD-10-PCS
OPQB4ZZ	Repair Left Clavicle, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPQBXZZ	Repair Left Clavicle, External Approach	Procedure	ICD-10-PCS
0PQH0ZZ	Repair Right Radius, Open Approach	Procedure	ICD-10-PCS
0PQH3ZZ	Repair Right Radius, Percutaneous Approach	Procedure	ICD-10-PCS
0PQH4ZZ	Repair Right Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PQHXZZ	Repair Right Radius, External Approach	Procedure	ICD-10-PCS
0PQJ0ZZ	Repair Left Radius, Open Approach	Procedure	ICD-10-PCS
0PQJ3ZZ	Repair Left Radius, Percutaneous Approach	Procedure	ICD-10-PCS
0PQJ4ZZ	Repair Left Radius, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PQJXZZ	Repair Left Radius, External Approach	Procedure	ICD-10-PCS
0PQK0ZZ	Repair Right Ulna, Open Approach	Procedure	ICD-10-PCS
0PQK3ZZ	Repair Right Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
0PQK4ZZ	Repair Right Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PQKXZZ	Repair Right Ulna, External Approach	Procedure	ICD-10-PCS
0PQL0ZZ	Repair Left Ulna, Open Approach	Procedure	ICD-10-PCS
0PQL3ZZ	Repair Left Ulna, Percutaneous Approach	Procedure	ICD-10-PCS
0PQL4ZZ	Repair Left Ulna, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPQLXZZ	Repair Left Ulna, External Approach	Procedure	ICD-10-PCS
OPR00JZ	Replacement of Sternum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OPR03JZ	Replacement of Sternum with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
OPR04JZ	Replacement of Sternum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPR10JZ	Replacement of 1 to 2 Ribs with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OPR13JZ	Replacement of 1 to 2 Ribs with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
OPR14JZ	Replacement of 1 to 2 Ribs with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPR20JZ	Replacement of 3 or More Ribs with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OPR23JZ	Replacement of 3 or More Ribs with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
OPR24JZ	Replacement of 3 or More Ribs with Synthetic Substitute, Percutaneous Endoscopic	Procedure	ICD-10-PCS
OPR50JZ	Replacement of Right Scapula with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OPR53JZ	Replacement of Right Scapula with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
OPR54JZ	Replacement of Right Scapula with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPR60JZ	Replacement of Left Scapula with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OPR63JZ	Replacement of Left Scapula with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
OPR64JZ	Replacement of Left Scapula with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPR70JZ	Replacement of Right Glenoid Cavity with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OPR73JZ	Replacement of Right Glenoid Cavity with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
OPR74JZ	Replacement of Right Glenoid Cavity with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPR80JZ	Replacement of Left Glenoid Cavity with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OPR83JZ	Replacement of Left Glenoid Cavity with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OF IVOOJE	Replacement of Left dienoid cavity with Synthetic Substitute, Percutaneous Approach	riocedure	1CD-10-LC3

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10 2011110 0	aseinie Characteristics in this nequest	Code	
Code	Description	Category	Code Type
OPR84JZ	Replacement of Left Glenoid Cavity with Synthetic Substitute, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
OPR90JZ	Replacement of Right Clavicle with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OPR93JZ	Replacement of Right Clavicle with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
OPR94JZ	Replacement of Right Clavicle with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPRBOJZ	Replacement of Left Clavicle with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OPRB3JZ	Replacement of Left Clavicle with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
OPRB4JZ	Replacement of Left Clavicle with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPRHOJZ	Replacement of Right Radius with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OPRH3JZ	Replacement of Right Radius with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
OPRH4JZ	Replacement of Right Radius with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPRJOJZ	Replacement of Left Radius with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OPRJ3JZ	Replacement of Left Radius with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
OPRJ4JZ	Replacement of Left Radius with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPRKOJZ	Replacement of Right Ulna with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OPRK3JZ	Replacement of Right Ulna with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
OPRK4JZ	Replacement of Right Ulna with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPRLOJZ	Replacement of Left Ulna with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OPRL3JZ	Replacement of Left Ulna with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
OPRL4JZ	Replacement of Left Ulna with Synthetic Substitute, 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
OPSHOBZ	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
OPSHODZ	Reposition Right Radius with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0PSH0ZZ	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	Procedure	ICD-10-PCS
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	Procedure	ICD-10-PCS
	Endoscopic Approach		
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	Procedure	ICD-10-PCS
	Approach		

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	aseinie Characteristics in this nequest	Code	
Code	Description	Category	Code Type
0PSH4DZ	Reposition Right Radius with Hybrid External Fixation Device, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
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
OPSJOBZ	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
0PSJ0DZ	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
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	Procedure	ICD-10-PCS
	Endoscopic Approach		
OPSJ4BZ	Reposition Left Radius with Monoplanar External Fixation Device, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
OPSJ4CZ	Reposition Left Radius with Ring External Fixation Device, Percutaneous Endoscopic	Procedure	ICD-10-PCS
OPSJ4DZ	Reposition Left Radius with Hybrid External Fixation Device, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
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
OPSKOBZ	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
0PSK0DZ	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

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Code	Description	Category	Code Type
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	Procedure	ICD-10-PCS
	Endoscopic Approach		
OPSK4BZ	Reposition Right Ulna with Monoplanar External Fixation Device, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
OPSK4CZ	Reposition Right Ulna with Ring External Fixation Device, Percutaneous Endoscopic	Procedure	ICD-10-PCS
OPSK4DZ	Reposition Right Ulna with Hybrid External Fixation Device, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
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
OPSLOBZ	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
OPSLODZ	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	Procedure	ICD-10-PCS
0001.407	Approach		100 10 000
0PSL4BZ	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	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
0PU00JZ	Supplement Sternum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0PU03JZ	Supplement Sternum with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0PU04JZ	Supplement Sternum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPU10JZ	Supplement 1 to 2 Ribs with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OPU13JZ	Supplement 1 to 2 Ribs with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
OPU14JZ	Supplement 1 to 2 Ribs with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PU20JZ	Supplement 3 or More Ribs with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0PU23JZ	Supplement 3 or More Ribs with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS

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	aseinie Characteristics in this nequest	Code	
Code	Description	Category	Code Type
0PU24JZ	Supplement 3 or More Ribs with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPU50JZ	Supplement Right Scapula with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0PU53JZ	Supplement Right Scapula with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0PU54JZ	Supplement Right Scapula with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPU60JZ	Supplement Left Scapula with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0PU63JZ	Supplement Left Scapula with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0PU64JZ	Supplement Left Scapula with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PU70JZ	Supplement Right Glenoid Cavity with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0PU73JZ	Supplement Right Glenoid Cavity with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
OPU74JZ	Supplement Right Glenoid Cavity with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPU80JZ	Supplement Left Glenoid Cavity with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0PU83JZ	Supplement Left Glenoid Cavity with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0PU84JZ	Supplement Left Glenoid Cavity with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPU90JZ	Supplement Right Clavicle with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0PU93JZ	Supplement Right Clavicle with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0PU94JZ	Supplement Right Clavicle with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPUB0JZ	Supplement Left Clavicle with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OPUB3JZ	Supplement Left Clavicle with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
OPUB4JZ	Supplement Left Clavicle with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PUH0JZ	Supplement Right Radius with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0PUH3JZ	Supplement Right Radius with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0PUH4JZ	Supplement Right Radius with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0PUJ0JZ	Supplement Left Radius with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0PUJ3JZ	Supplement Left Radius with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0PUJ4JZ	Supplement Left Radius with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPUKOJZ	Supplement Right Ulna with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0PUK3JZ	Supplement Right Ulna with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0PUK4JZ	Supplement Right Ulna with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
OPULOJZ	Supplement Left Ulna with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
OPUL3JZ	Supplement Left Ulna with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
OPUL4JZ	Supplement Left Ulna with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
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
0QH605Z	Insertion of External 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
0QH60BZ	Insertion of Monoplanar External Fixation Device into Right Upper Femur, Open Approach	Procedure	ICD-10-PCS

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		Code	
Code	Description	Category	Code Type
0QH60CZ	Insertion of Ring External Fixation Device into Right Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QH60DZ	Insertion of Hybrid External 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
0QH635Z	Insertion of External 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
0QH63BZ	Insertion of Monoplanar External Fixation Device into Right Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QH63CZ	Insertion of Ring External Fixation Device into Right Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QH63DZ	Insertion of Hybrid External 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
0QH645Z	Insertion of External 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
0QH64BZ	Insertion of Monoplanar External Fixation Device into Right Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH64CZ	Insertion of Ring External Fixation Device into Right Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH64DZ	Insertion of Hybrid External 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
0QH705Z	Insertion of External 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
0QH70BZ	Insertion of Monoplanar External Fixation Device into Left Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QH70CZ	Insertion of Ring External Fixation Device into Left Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QH70DZ	Insertion of Hybrid External 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
0QH735Z	Insertion of External 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
0QH73BZ	Insertion of Monoplanar External Fixation Device into Left Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QH73CZ	Insertion of Ring External Fixation Device into Left Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QH73DZ	Insertion of Hybrid External 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
0QH745Z	Insertion of External 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

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to beline b	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
0QH74BZ	Insertion of Monoplanar External Fixation Device into Left Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH74CZ	Insertion of Ring External Fixation Device into Left Upper Femur, Percutaneous Endoscopic	Procedure	ICD-10-PCS
0QH74DZ	Approach Insertion of Hybrid External Fixation Device into Left Upper Femur, Percutaneous Endoscopic	Procedure	ICD-10-PCS
00118047	Approach	Dracadura	ICD-10-PCS
0QH804Z	Insertion of Internal Fixation Device into Right Femoral Shaft, Open Approach	Procedure	
0QH805Z	Insertion of External 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		ICD-10-PCS
0QH80BZ	Insertion of Monoplanar External Fixation Device into Right Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QH80CZ	Insertion of Ring External Fixation Device into Right Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QH80DZ	Insertion of Hybrid External 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
0QH835Z	Insertion of External 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
0QH83BZ	Insertion of Monoplanar External Fixation Device into Right Femoral Shaft, Percutaneous	Procedure	ICD-10-PCS
00110267	Approach	Dragodura	ICD 10 DCS
0QH83CZ	Insertion of Ring External Fixation Device into Right Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
OQH83DZ	Insertion of Hybrid External Fixation Device into Right Femoral Shaft, Percutaneous	Procedure	ICD-10-PCS
0QH844Z	Insertion of Internal Fixation Device into Right Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH845Z	Insertion of External 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	Procedure	ICD-10-PCS
	Endoscopic Approach		
0QH84BZ	Insertion of Monoplanar External Fixation Device into Right Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH84CZ	Insertion of Ring External Fixation Device into Right Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QH84DZ	Insertion of Hybrid External 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
0QH905Z	Insertion of External 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
0QH90BZ	Insertion of Monoplanar External Fixation Device into Left Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QH90CZ	Insertion of Ring External Fixation Device into Left Femoral Shaft, Open Approach		
		Procedure	ICD-10-PCS
0QH90DZ	Insertion of Hybrid External 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
0QH935Z	Insertion of External 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

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	·	Code	
Code	Description	Category	Code Type
0QH93BZ	Insertion of Monoplanar External Fixation Device into Left Femoral Shaft, Percutaneous	Procedure	ICD-10-PCS
	Approach		
0QH93CZ	Insertion of Ring External Fixation Device into Left Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QH93DZ	Insertion of Hybrid External Fixation Device into Left Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QH944Z	Insertion of Internal Fixation Device into Left Femoral Shaft, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0QH945Z	Insertion of External Fixation Device into Left Femoral Shaft, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0QH946Z	Insertion of Intramedullary Internal Fixation Device into Left Femoral Shaft, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
0QH94BZ	Insertion of Monoplanar External Fixation Device into Left Femoral Shaft, Percutaneous	Procedure	ICD-10-PCS
00110467	Endoscopic Approach		100 40 000
0QH94CZ	Insertion of Ring External Fixation Device into Left Femoral Shaft, Percutaneous Endoscopic	Procedure	ICD-10-PCS
00110407	Approach	Dragadura	ICD-10-PCS
0QH94DZ	Insertion of Hybrid External Fixation Device into Left Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PC3
0QHB04Z	Insertion of Internal Fixation Device into Right Lower Femur, Open Approach	Procedure	ICD-10-PCS
OQHB05Z	Insertion of External 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
0QHB0BZ	Insertion of Monoplanar External Fixation Device into Right Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QHB0CZ	Insertion of Ring External Fixation Device into Right Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QHB0DZ	Insertion of Hybrid External 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
0QHB35Z	Insertion of External Fixation Device into Right Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QHB36Z	Insertion of Intramedullary Internal Fixation Device into Right Lower Femur, Percutaneous	Procedure	ICD-10-PCS
	Approach		
0QHB3BZ	Insertion of Monoplanar External Fixation Device into Right Lower Femur, Percutaneous	Procedure	ICD-10-PCS
	Approach		
0QHB3CZ	Insertion of Ring External Fixation Device into Right Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QHB3DZ	Insertion of Hybrid External Fixation Device into Right Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QHB44Z	Insertion of Internal Fixation Device into Right Lower Femur, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0QHB45Z	Insertion of External Fixation Device into Right Lower Femur, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0QHB46Z	Insertion of Intramedullary Internal Fixation Device into Right Lower Femur, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
0QHB4BZ	Insertion of Monoplanar External Fixation Device into Right Lower Femur, Percutaneous	Procedure	ICD-10-PCS
00110407	Endoscopic Approach		100 10 000
0QHB4CZ	Insertion of Ring External Fixation Device into Right Lower Femur, Percutaneous Endoscopic	Procedure	ICD-10-PCS
00110407	Approach	Droop d	ICD 10 DCC
0QHB4DZ	Insertion of Hybrid External Fixation Device into Right Lower Femur, Percutaneous	Procedure	ICD-10-PCS
0040047	Endoscopic Approach Insertion of Internal Fixation Device into Left Lower Femur, Open Approach	Drocodura	ICD 10 DCC
0QHC04Z	insertion of internal rivation bevice into Left Lower Femul, Open Approach	Procedure	ICD-10-PCS

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to beline b	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
0QHC05Z	Insertion of External 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
0QHC0BZ	Insertion of Monoplanar External Fixation Device into Left Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QHC0CZ	Insertion of Ring External Fixation Device into Left Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QHC0DZ	Insertion of Hybrid External 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
0QHC35Z	Insertion of External 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
0QHC3BZ	Insertion of Monoplanar External Fixation Device into Left Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QHC3CZ	Insertion of Ring External Fixation Device into Left Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QHC3DZ	Insertion of Hybrid External 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
0QHC45Z	Insertion of External 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
0QHC4BZ	Insertion of Monoplanar External Fixation Device into Left Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QHC4CZ	Insertion of Ring External Fixation Device into Left Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QHC4DZ	Insertion of Hybrid External Fixation Device into Left Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QN60ZZ	Release Right Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QN63ZZ	Release Right Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QN64ZZ	Release Right Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QN70ZZ	Release Left Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QN73ZZ	Release Left Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QN74ZZ	Release Left Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QN80ZZ	Release Right Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QN83ZZ	Release Right Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QN84ZZ	Release Right Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QN90ZZ	Release Left Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QN93ZZ	Release Left Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QN94ZZ	Release Left Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QNB0ZZ	Release Right Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QNB3ZZ	Release Right Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QNB4ZZ	Release Right Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QNC0ZZ	Release Left Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QNC3ZZ	Release Left Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QNC4ZZ	Release Left Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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15 5 5 1 11 5	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
0QP604Z	Removal of Internal Fixation Device from Right Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QP605Z	Removal of External Fixation Device from Right Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QP607Z	Removal of Autologous Tissue Substitute from Right Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QP60JZ	Removal of Synthetic Substitute from Right Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QP60KZ	Removal of Nonautologous Tissue Substitute from Right Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QP634Z	Removal of Internal Fixation Device from Right Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QP635Z	Removal of External Fixation Device from Right Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QP637Z	Removal of Autologous Tissue Substitute from Right Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QP63JZ	Removal of Synthetic Substitute from Right Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QP63KZ	Removal of Nonautologous Tissue Substitute from Right Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QP644Z	Removal of Internal Fixation Device from Right Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QP645Z	Removal of External Fixation Device from Right Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QP647Z	Removal of Autologous Tissue Substitute from Right Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QP64JZ	Removal of Synthetic Substitute from Right Upper Femur, Percutaneous Endoscopic	Procedure	ICD-10-PCS
0QP64KZ	Removal of Nonautologous Tissue Substitute from Right Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QP704Z	Removal of Internal Fixation Device from Left Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QP705Z	Removal of External Fixation Device from Left Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QP707Z	Removal of Autologous Tissue Substitute from Left Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QP70JZ	Removal of Synthetic Substitute from Left Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QP70KZ	Removal of Nonautologous Tissue Substitute from Left Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QP734Z	Removal of Internal Fixation Device from Left Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QP735Z	Removal of External Fixation Device from Left Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QP737Z	Removal of Autologous Tissue Substitute from Left Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QP73JZ	Removal of Synthetic Substitute from Left Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QP73KZ	Removal of Nonautologous Tissue Substitute from Left Upper Femur, Percutaneous	Procedure	ICD-10-PCS
0QP744Z	Removal of Internal Fixation Device from Left Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QP745Z	Removal of External Fixation Device from Left Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QP747Z	Removal of Autologous Tissue Substitute from Left Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QP74JZ	Removal of Synthetic Substitute from Left Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QP74KZ	Removal of Nonautologous Tissue Substitute from Left Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QP804Z	Removal of Internal Fixation Device from Right Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QP805Z	Removal of External Fixation Device from Right Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QP807Z	Removal of Autologous Tissue Substitute from Right Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QP80JZ	Removal of Synthetic Substitute from Right Femoral Shaft, Open Approach	Procedure	ICD-10-PCS

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	·	Code	
Code	Description	Category	Code Type
0QP80KZ	Removal of Nonautologous Tissue Substitute from Right Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QP834Z	Removal of Internal Fixation Device from Right Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QP835Z	Removal of External Fixation Device from Right Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QP837Z	Removal of Autologous Tissue Substitute from Right Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QP83JZ	Removal of Synthetic Substitute from Right Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QP83KZ	Removal of Nonautologous Tissue Substitute from Right Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QP844Z	Removal of Internal Fixation Device from Right Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QP845Z	Removal of External Fixation Device from Right Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QP847Z	Removal of Autologous Tissue Substitute from Right Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QP84JZ	Removal of Synthetic Substitute from Right Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QP84KZ	Removal of Nonautologous Tissue Substitute from Right Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QP904Z	Removal of Internal Fixation Device from Left Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QP905Z	Removal of External Fixation Device from Left Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QP907Z	Removal of Autologous Tissue Substitute from Left Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QP90JZ	Removal of Synthetic Substitute from Left Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QP90KZ	Removal of Nonautologous Tissue Substitute from Left Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QP934Z	Removal of Internal Fixation Device from Left Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QP935Z	Removal of External Fixation Device from Left Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QP937Z	Removal of Autologous Tissue Substitute from Left Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QP93JZ	Removal of Synthetic Substitute from Left Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QP93KZ	Removal of Nonautologous Tissue Substitute from Left Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QP944Z	Removal of Internal Fixation Device from Left Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QP945Z	Removal of External Fixation Device from Left Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QP947Z	Removal of Autologous Tissue Substitute from Left Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QP94JZ	Removal of Synthetic Substitute from Left Femoral Shaft, Percutaneous Endoscopic	Procedure	ICD-10-PCS
0QP94KZ	Removal of Nonautologous Tissue Substitute from Left Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QPB04Z	Removal of Internal Fixation Device from Right Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QPB05Z	Removal of External Fixation Device from Right Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QPB07Z	Removal of Autologous Tissue Substitute from Right Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QPB0JZ	Removal of Synthetic Substitute from Right Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QPB0KZ	Removal of Nonautologous Tissue Substitute from Right Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QPB34Z	Removal of Internal Fixation Device from Right Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS

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	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
0QPB35Z	Removal of External Fixation Device from Right Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QPB37Z	Removal of Autologous Tissue Substitute from Right Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QPB3JZ	Removal of Synthetic Substitute from Right Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QPB3KZ	Removal of Nonautologous Tissue Substitute from Right Lower Femur, Percutaneous	Procedure	ICD-10-PCS
	Approach		
0QPB44Z	Removal of Internal Fixation Device from Right Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QPB45Z	Removal of External Fixation Device from Right Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QPB47Z	Removal of Autologous Tissue Substitute from Right Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QPB4JZ	Removal of Synthetic Substitute from Right Lower Femur, Percutaneous Endoscopic	Procedure	ICD-10-PCS
0QPB4KZ	Removal of Nonautologous Tissue Substitute from Right Lower Femur, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
0QPC04Z	Removal of Internal Fixation Device from Left Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QPC05Z	Removal of External Fixation Device from Left Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QPC07Z	Removal of Autologous Tissue Substitute from Left Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QPC0JZ	Removal of Synthetic Substitute from Left Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QPC0KZ	Removal of Nonautologous Tissue Substitute from Left Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QPC34Z	Removal of Internal Fixation Device from Left Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QPC35Z	Removal of External Fixation Device from Left Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QPC37Z	Removal of Autologous Tissue Substitute from Left Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QPC3JZ	Removal of Synthetic Substitute from Left Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QPC3KZ	Removal of Nonautologous Tissue Substitute from Left Lower Femur, Percutaneous	Procedure	ICD-10-PCS
0QPC44Z	Removal of Internal Fixation Device from Left Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QPC45Z	Removal of External Fixation Device from Left Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QPC47Z	Removal of Autologous Tissue Substitute from Left Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QPC4JZ	Removal of Synthetic Substitute from Left Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QPC4KZ	Removal of Nonautologous Tissue Substitute from Left Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QQ60ZZ	Repair Right Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QQ63ZZ	Repair Right Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QQ64ZZ	Repair Right Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QQ6XZZ	Repair Right Upper Femur, External Approach	Procedure	ICD-10-PCS
0QQ70ZZ	Repair Left Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QQ73ZZ	Repair Left Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QQ74ZZ	Repair Left Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QQ7XZZ	Repair Left Upper Femur, External Approach	Procedure	ICD-10-PCS
0QQ80ZZ	Repair Right Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QQ83ZZ	Repair Right Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS

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Code	Description	Category	Code Type
0QQ84ZZ	Repair Right Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QQ8XZZ	Repair Right Femoral Shaft, External Approach	Procedure	ICD-10-PCS
0QQ90ZZ	Repair Left Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QQ93ZZ	Repair Left Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QQ94ZZ	Repair Left Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QQ9XZZ	Repair Left Femoral Shaft, External Approach	Procedure	ICD-10-PCS
0QQB0ZZ	Repair Right Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QQB3ZZ	Repair Right Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QQB4ZZ	Repair Right Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QQBXZZ	Repair Right Lower Femur, External Approach	Procedure	ICD-10-PCS
0QQC0ZZ	Repair Left Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QQC3ZZ	Repair Left Lower Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QQC4ZZ	Repair Left Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QQCXZZ	Repair Left Lower Femur, External Approach	Procedure	ICD-10-PCS
0QR60JZ	Replacement of Right Upper Femur with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0QR63JZ	Replacement of Right Upper Femur with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0QR64JZ	Replacement of Right Upper Femur with Synthetic Substitute, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0QR70JZ	Replacement of Left Upper Femur with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0QR73JZ	Replacement of Left Upper Femur with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0QR74JZ	Replacement of Left Upper Femur with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QR80JZ	Replacement of Right Femoral Shaft with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0QR83JZ	Replacement of Right Femoral Shaft with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0QR84JZ	Replacement of Right Femoral Shaft with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QR90JZ	Replacement of Left Femoral Shaft with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0QR93JZ	Replacement of Left Femoral Shaft with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0QR94JZ	Replacement of Left Femoral Shaft with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QRB0JZ	Replacement of Right Lower Femur with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0QRB3JZ	Replacement of Right Lower Femur with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0QRB4JZ	Replacement of Right Lower Femur with Synthetic Substitute, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0QRC0JZ	Replacement of Left Lower Femur with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0QRC3JZ	Replacement of Left Lower Femur with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0QRC4JZ	Replacement of Left Lower Femur with Synthetic Substitute, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
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
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

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	·	Code	
Code	Description	Category	Code Type
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
0QS70CZ	Reposition Left Upper Femur with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS70DZ	Reposition Left Upper Femur with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS70ZZ	Reposition Left Upper Femur, Open Approach	Procedure	ICD-10-PCS
0QS734Z	Reposition Left Upper Femur with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS735Z	Reposition Left Upper Femur with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS736Z	Reposition Left Upper Femur with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS73BZ	Reposition Left Upper Femur with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS73CZ	Reposition Left Upper Femur with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS73DZ	Reposition Left Upper Femur with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS73ZZ	Reposition Left Upper Femur, Percutaneous Approach	Procedure	ICD-10-PCS
0QS744Z	Reposition Left Upper Femur with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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	·	Code	
Code	Description	Category	Code Type
0QS745Z	Reposition Left Upper Femur with External Fixation Device, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0QS746Z	Reposition Left Upper Femur with Intramedullary Internal Fixation Device, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
OQS74BZ	Reposition Left Upper Femur with Monoplanar External Fixation Device, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
0QS74CZ	Reposition Left Upper Femur with Ring External Fixation Device, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0QS74DZ	Reposition Left Upper Femur with Hybrid External Fixation Device, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0QS74ZZ	Reposition Left Upper Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS7XZZ	Reposition Left Upper Femur, External Approach	Procedure	ICD-10-PCS
0QS804Z	Reposition Right Femoral Shaft with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS805Z	Reposition Right Femoral Shaft with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS806Z	Reposition Right Femoral Shaft with Intramedullary Internal Fixation Device, Open Approach		ICD-10-PCS
0QS80BZ	Reposition Right Femoral Shaft with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS80CZ	Reposition Right Femoral Shaft with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS80DZ	Reposition Right Femoral Shaft with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS80ZZ	Reposition Right Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QS834Z	Reposition Right Femoral Shaft with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS835Z	Reposition Right Femoral Shaft with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS836Z	Reposition Right Femoral Shaft with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS83BZ	Reposition Right Femoral Shaft with Monoplanar External Fixation Device, Percutaneous	Procedure	ICD-10-PCS
	Approach		
0QS83CZ	Reposition Right Femoral Shaft with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS83DZ	Reposition Right Femoral Shaft with Hybrid External Fixation Device, Percutaneous Approach		ICD-10-PCS
0QS83ZZ	Reposition Right Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QS844Z	Reposition Right Femoral Shaft with Internal Fixation Device, Percutaneous Endoscopic	Procedure	ICD-10-PCS
0000457	Approach		100 40 000
0QS845Z	Reposition Right Femoral Shaft with External Fixation Device, Percutaneous Endoscopic	Procedure	ICD-10-PCS
0000467	Approach Reposition Right Femoral Shoft with Intromedullary Internal Fivetion Review Resources	Dragadura	ICD-10-PCS
0QS846Z	Reposition Right Femoral Shaft with Intramedullary Internal Fixation Device, Percutaneous	Procedure	ICD-10-PC3
0000407	Endoscopic Approach Reposition Right Femoral Shaft with Managlanar External Fixation Povice, Persutaneous	Dracadura	ICD 10 DCS
0QS84BZ	Reposition Right Femoral Shaft with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS84CZ	Reposition Right Femoral Shaft with Ring External Fixation Device, Percutaneous Endoscopic	Procedure	ICD-10-PCS
0Q364CZ	Approach	riocedure	ICD-10-FC3
0QS84DZ	Reposition Right Femoral Shaft with Hybrid External Fixation Device, Percutaneous	Procedure	ICD-10-PCS
	Endoscopic Approach		
0QS84ZZ	Reposition Right Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS8XZZ	Reposition Right Femoral Shaft, External Approach	Procedure	ICD-10-PCS
0QS904Z	Reposition Left Femoral Shaft with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS

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	aseine Characteristics in this nequest	Code	
Code	Description	Category	Code Type
0QS905Z	Reposition Left Femoral Shaft with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS906Z	Reposition Left Femoral Shaft with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS90BZ	Reposition Left Femoral Shaft with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS90CZ	Reposition Left Femoral Shaft with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS90DZ	Reposition Left Femoral Shaft with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QS90ZZ	Reposition Left Femoral Shaft, Open Approach	Procedure	ICD-10-PCS
0QS934Z	Reposition Left Femoral Shaft with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS935Z	Reposition Left Femoral Shaft with External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS936Z	Reposition Left Femoral Shaft with Intramedullary Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS93BZ	Reposition Left Femoral Shaft with Monoplanar External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS93CZ	Reposition Left Femoral Shaft with Ring External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS93DZ	Reposition Left Femoral Shaft with Hybrid External Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
0QS93ZZ	Reposition Left Femoral Shaft, Percutaneous Approach	Procedure	ICD-10-PCS
0QS944Z	Reposition Left Femoral Shaft with Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS945Z	Reposition Left Femoral Shaft with External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS946Z	Reposition Left Femoral Shaft with Intramedullary Internal Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS94BZ	Reposition Left Femoral Shaft with Monoplanar External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS94CZ	Reposition Left Femoral Shaft with Ring External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS94DZ	Reposition Left Femoral Shaft with Hybrid External Fixation Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS94ZZ	Reposition Left Femoral Shaft, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QS9XZZ	Reposition Left Femoral Shaft, External Approach	Procedure	ICD-10-PCS
0QSB04Z	Reposition Right Lower Femur with Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSB05Z	Reposition Right Lower Femur with External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSB06Z	Reposition Right Lower Femur with Intramedullary Internal Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSB0BZ	Reposition Right Lower Femur with Monoplanar External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSB0CZ	Reposition Right Lower Femur with Ring External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSB0DZ	Reposition Right Lower Femur with Hybrid External Fixation Device, Open Approach	Procedure	ICD-10-PCS
0QSB0ZZ	Reposition Right Lower Femur, Open Approach	Procedure	ICD-10-PCS
0QSB34Z	Reposition Right Lower Femur with Internal Fixation Device, Percutaneous Approach	Procedure	ICD-10-PCS
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

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	·	Code	
Code	Description	Category	Code Type
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
OQSB4BZ	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
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

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		Code	
Code	Description	Category	Code Type
0QSC4DZ	Reposition Left Lower Femur with Hybrid External Fixation Device, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0QSC4ZZ	Reposition Left Lower Femur, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0QSCXZZ	Reposition Left Lower Femur, External Approach	Procedure	ICD-10-PCS
0QU60JZ	Supplement Right Upper Femur with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0QU63JZ	Supplement Right Upper Femur with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0QU64JZ	Supplement Right Upper Femur with Synthetic Substitute, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0QU70JZ	Supplement Left Upper Femur with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0QU73JZ	Supplement Left Upper Femur with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0QU74JZ	Supplement Left Upper Femur with Synthetic Substitute, Percutaneous Endoscopic	Procedure	ICD-10-PCS
0QU80JZ	Supplement Right Femoral Shaft with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0QU83JZ	Supplement Right Femoral Shaft with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0QU84JZ	Supplement Right Femoral Shaft with Synthetic Substitute, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0QU90JZ	Supplement Left Femoral Shaft with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0QU93JZ	Supplement Left Femoral Shaft with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0QU94JZ	Supplement Left Femoral Shaft with Synthetic Substitute, Percutaneous Endoscopic	Procedure	ICD-10-PCS
0QUB0JZ	Supplement Right Lower Femur with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0QUB3JZ	Supplement Right Lower Femur with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0QUB4JZ	Supplement Right Lower Femur with Synthetic Substitute, Percutaneous Endoscopic	Procedure	ICD-10-PCS
	Approach		
0QUC0JZ	Supplement Left Lower Femur with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0QUC3JZ	Supplement Left Lower Femur with Synthetic Substitute, Percutaneous Approach	Procedure	ICD-10-PCS
0QUC4JZ	Supplement Left Lower Femur with Synthetic Substitute, Percutaneous Endoscopic	Procedure	ICD-10-PCS
0XH23YZ	Insertion of Other Device into Right Shoulder Region, Percutaneous Approach	Procedure	ICD-10-PCS
0XH33YZ	Insertion of Other Device into Left Shoulder Region, Percutaneous Approach	Procedure	ICD-10-PCS
R55	Syncope and collapse	Diagnosis	ICD-10-CM
	Cardioversion		
99.61	Atrial cardioversion	Procedure	ICD-9-CM
99.62	Other electric countershock of heart	Procedure	ICD-9-CM
92960	External shock to heart to regulate heart beat	Procedure	CPT-4
92961	Internal shock to heart to regulate heart beat	Procedure	CPT-4
5A2204Z	Restoration of Cardiac Rhythm, Single	Procedure	ICD-10-PCS
	Cardioablation		
37.33	Excision or destruction of other lesion or tissue of heart, open approach	Procedure	ICD-9-CM
37.34	Excision or destruction of other lesion or tissue of heart, other approach	Procedure	ICD-9-CM
33250	Operative ablation of supraventricular arrhythmogenic focus or pathway (eg, Wolff-	Procedure	CPT-4
	Parkinson-White, atrioventricular node re-entry), tract(s) and/or focus (foci); without		
	cardiopulmonary bypass		
33251	Operative ablation of supraventricular arrhythmogenic focus or pathway (eg, Wolff-	Procedure	CPT-4
	Parkinson-White, atrioventricular node re-entry), tract(s) and/or focus (foci); with		
	cardiopulmonary bypass		

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		Code	
Code	Description	Category	Code Type
33254	Operative tissue ablation and reconstruction of atria, limited (eg, modified maze procedure)	Procedure	CPT-4
33255	Operative tissue ablation and reconstruction of atria, extensive (eg, maze procedure); without cardiopulmonary bypass	Procedure	CPT-4
33256	Operative tissue ablation and reconstruction of atria, extensive (eg, maze procedure); with	Procedure	CPT-4
33230	cardiopulmonary bypass	Troccaure	CITT
33257	Operative tissue ablation and reconstruction of atria, performed at the time of other cardiac procedure(s), limited (eg, modified maze procedure) (List separately in addition to code for primary procedure)	Procedure	CPT-4
33258	Operative tissue ablation and reconstruction of atria, performed at the time of other cardiac procedure(s), extensive (eg, maze procedure), without cardiopulmonary bypass (List separately in addition to code for primary procedure)	Procedure	CPT-4
33259	Operative tissue ablation and reconstruction of atria, performed at the time of other cardiac procedure(s), extensive (eg, maze procedure), with cardiopulmonary bypass (List separately in addition to code for primary procedure)	Procedure	CPT-4
33261	Operative ablation of ventricular arrhythmogenic focus with cardiopulmonary bypass	Procedure	CPT-4
33265	Endoscopy, surgical; operative tissue ablation and reconstruction of atria, limited (eg, modified maze procedure), without cardiopulmonary bypass	Procedure	CPT-4
33266	Endoscopy, surgical; operative tissue ablation and reconstruction of atria, extensive (eg, maze procedure), without cardiopulmonary bypass	Procedure	CPT-4
93650	Intracardiac catheter ablation of atrioventricular node function, atrioventricular conduction for creation of complete heart block, with or without temporary pacemaker placement	Procedure	CPT-4
93651	Intracardiac catheter ablation of arrhythmogenic focus; for treatment of supraventricular tachycardia by ablation of fast or slow atrioventricular pathways, accessory atrioventricular connections or other atrial foci, singly or in combination	Procedure	CPT-4
93652	Intracardiac catheter ablation of arrhythmogenic focus; for treatment of ventricular tachycardia	Procedure	CPT-4
C1732	Catheter, electrophysiology, diagnostic/ablation, 3D or vector mapping	Procedure	HCPCS
C1733	Catheter, electrophysiology, diagnostic/ablation, other than 3D or vector mapping, other than cool-tip	Procedure	HCPCS
C2630	Catheter, electrophysiology, diagnostic/ablation, other than 3D or vector mapping, cool-tip	Procedure	HCPCS
02550ZZ	Destruction of Atrial Septum, Open Approach	Procedure	ICD-10-PCS
02553ZZ	Destruction of Atrial Septum, Percutaneous Approach	Procedure	ICD-10-PCS
02560ZZ	Destruction of Right Atrium, Open Approach	Procedure	ICD-10-PCS
02563ZZ	Destruction of Right Atrium, Percutaneous Approach	Procedure	ICD-10-PCS
02570ZZ	Destruction of Left Atrium, Open Approach	Procedure	ICD-10-PCS
02573ZZ	Destruction of Left Atrium, Percutaneous Approach	Procedure	ICD-10-PCS
02580ZZ	Destruction of Conduction Mechanism, Open Approach	Procedure	ICD-10-PCS
02583ZZ	Destruction of Conduction Mechanism, Percutaneous Approach	Procedure	ICD-10-PCS
02590ZZ	Destruction of Chordae Tendineae, Open Approach	Procedure	ICD-10-PCS
02593ZZ	Destruction of Chordae Tendineae, Percutaneous Approach	Procedure	ICD-10-PCS
025F0ZZ	Destruction of Aortic Valve, Open Approach	Procedure	ICD-10-PCS
025F3ZZ	Destruction of Aortic Valve, Percutaneous Approach	Procedure	ICD-10-PCS
025G0ZZ	Destruction of Mitral Valve, Open Approach	Procedure	ICD-10-PCS

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to belille b	aseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
025G3ZZ	Destruction of Mitral Valve, Percutaneous Approach	Procedure	ICD-10-PCS
025H0ZZ	Destruction of Pulmonary Valve, Open Approach	Procedure	ICD-10-PCS
025H3ZZ	Destruction of Pulmonary Valve, Percutaneous Approach	Procedure	ICD-10-PCS
025J0ZZ	Destruction of Tricuspid Valve, Open Approach	Procedure	ICD-10-PCS
025J3ZZ	Destruction of Tricuspid Valve, Percutaneous Approach	Procedure	ICD-10-PCS
025K0ZZ	Destruction of Right Ventricle, Open Approach	Procedure	ICD-10-PCS
025K3ZZ	Destruction of Right Ventricle, Percutaneous Approach	Procedure	ICD-10-PCS
025L0ZZ	Destruction of Left Ventricle, Open Approach	Procedure	ICD-10-PCS
025L3ZZ	Destruction of Left Ventricle, Percutaneous Approach	Procedure	ICD-10-PCS
025M0ZZ	Destruction of Ventricular Septum, Open Approach	Procedure	ICD-10-PCS
025M3ZZ	Destruction of Ventricular Septum, Percutaneous Approach	Procedure	ICD-10-PCS
02B50ZZ	Excision of Atrial Septum, Open Approach	Procedure	ICD-10-PCS
02B53ZZ	Excision of Atrial Septum, Percutaneous Approach	Procedure	ICD-10-PCS
02B60ZZ	Excision of Right Atrium, Open Approach	Procedure	ICD-10-PCS
02B63ZZ	Excision of Right Atrium, Percutaneous Approach	Procedure	ICD-10-PCS
02B70ZZ	Excision of Left Atrium, Open Approach	Procedure	ICD-10-PCS
02B73ZZ	Excision of Left Atrium, Percutaneous Approach	Procedure	ICD-10-PCS
02B80ZZ	Excision of Conduction Mechanism, Open Approach	Procedure	ICD-10-PCS
02B83ZZ	Excision of Conduction Mechanism, Percutaneous Approach	Procedure	ICD-10-PCS
02B90ZZ	Excision of Chordae Tendineae, Open Approach	Procedure	ICD-10-PCS
02B93ZZ	Excision of Chordae Tendineae, Percutaneous Approach	Procedure	ICD-10-PCS
02BF0ZZ	Excision of Aortic Valve, Open Approach	Procedure	ICD-10-PCS
02BF3ZZ	Excision of Aortic Valve, Percutaneous Approach	Procedure	ICD-10-PCS
02BG0ZZ	Excision of Mitral Valve, Open Approach	Procedure	ICD-10-PCS
02BG3ZZ	Excision of Mitral Valve, Percutaneous Approach	Procedure	ICD-10-PCS
02BH0ZZ	Excision of Pulmonary Valve, Open Approach	Procedure	ICD-10-PCS
02BH3ZZ	Excision of Pulmonary Valve, Percutaneous Approach	Procedure	ICD-10-PCS
02BJ0ZZ	Excision of Tricuspid Valve, Open Approach	Procedure	ICD-10-PCS
02BJ3ZZ	Excision of Tricuspid Valve, Percutaneous Approach	Procedure	ICD-10-PCS
02BK0ZZ	Excision of Right Ventricle, Open Approach	Procedure	ICD-10-PCS
02BK3ZZ	Excision of Right Ventricle, Percutaneous Approach	Procedure	ICD-10-PCS
02BL0ZZ	Excision of Left Ventricle, Open Approach	Procedure	ICD-10-PCS
02BL3ZZ	Excision of Left Ventricle, Percutaneous Approach	Procedure	ICD-10-PCS
02BM0ZZ	Excision of Ventricular Septum, Open Approach	Procedure	ICD-10-PCS
02BM3ZZ	Excision of Ventricular Septum, Percutaneous Approach	Procedure	ICD-10-PCS
02T80ZZ	Resection of Conduction Mechanism, Open Approach	Procedure	ICD-10-PCS
02T83ZZ	Resection of Conduction Mechanism, Percutaneous Approach	Procedure	ICD-10-PCS
C2618	Probe/needle, cryoablation	Procedure	HCPCS
	Hospitalized for bleeding		
280.0	Iron deficiency anemia secondary to blood loss (chronic)	Diagnosis	ICD-9-CM
285.1	Acute posthemorrhagic anemia	Diagnosis	ICD-9-CM
285.9	Unspecified anemia	Diagnosis	ICD-9-CM
423.0	Hemopericardium	Diagnosis	ICD-9-CM

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to benne i	saseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
430	Subarachnoid hemorrhage	Diagnosis	ICD-9-CM
431	Intracerebral hemorrhage	Diagnosis	ICD-9-CM
432.0	Nontraumatic extradural hemorrhage	Diagnosis	ICD-9-CM
432.1	Subdural hemorrhage	Diagnosis	ICD-9-CM
432.9	Unspecified intracranial hemorrhage	Diagnosis	ICD-9-CM
455	Hemorrhoids	Diagnosis	ICD-9-CM
455.0	Internal hemorrhoids without mention of complication	Diagnosis	ICD-9-CM
455.1	Internal thrombosed hemorrhoids	Diagnosis	ICD-9-CM
455.2	Internal hemorrhoids with other complication	Diagnosis	ICD-9-CM
455.3	External hemorrhoids without mention of complication	Diagnosis	ICD-9-CM
455.4	External thrombosed hemorrhoids	Diagnosis	ICD-9-CM
455.5	External hemorrhoids with other complication	Diagnosis	ICD-9-CM
455.6	Unspecified hemorrhoids without mention of complication	Diagnosis	ICD-9-CM
455.7	Unspecified thrombosed hemorrhoids	Diagnosis	ICD-9-CM
455.8	Unspecified hemorrhoids with other complication	Diagnosis	ICD-9-CM
455.9	Residual hemorrhoidal skin tags	Diagnosis	ICD-9-CM
456.0	Esophageal varices with bleeding	Diagnosis	ICD-9-CM
456.20	Esophageal varices with bleeding in diseases classified elsewhere	Diagnosis	ICD-9-CM
459.0	Unspecified hemorrhage	Diagnosis	ICD-9-CM
530.1	Esophagitis	Diagnosis	ICD-9-CM
530.10	Unspecified esophagitis	Diagnosis	ICD-9-CM
530.11	Reflux esophagitis	Diagnosis	ICD-9-CM
530.12	Acute esophagitis	Diagnosis	ICD-9-CM
530.13	Eosinophilic esophagitis	Diagnosis	ICD-9-CM
530.19	Other esophagitis	Diagnosis	ICD-9-CM
530.7	Gastroesophageal laceration-hemorrhage syndrome	Diagnosis	ICD-9-CM
530.82	Esophageal hemorrhage	Diagnosis	ICD-9-CM
531.0	Acute gastric ulcer with hemorrhage	Diagnosis	ICD-9-CM
531.00	Acute gastric ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
531.01	Acute gastric ulcer with hemorrhage and obstruction	Diagnosis	ICD-9-CM
531.1	Acute gastric ulcer with perforation	Diagnosis	ICD-9-CM
531.10	Acute gastric ulcer with perforation, without mention of obstruction	Diagnosis	ICD-9-CM
531.11	Acute gastric ulcer with perforation and obstruction	Diagnosis	ICD-9-CM
531.2	Acute gastric ulcer with hemorrhage and perforation	Diagnosis	ICD-9-CM
531.20	Acute gastric ulcer with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
531.21	Acute gastric ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
531.3	Acute gastric ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
531.30	Acute gastric ulcer without mention of hemorrhage, perforation, or obstruction	Diagnosis	ICD-9-CM
531.31	Acute gastric ulcer without mention of hemorrhage or perforation, with obstruction	Diagnosis	ICD-9-CM
531.4	Chronic or unspecified gastric ulcer with hemorrhage	Diagnosis	ICD-9-CM
531.40	Chronic or unspecified gastric ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
531.41	Chronic or unspecified gastric ulcer with hemorrhage and obstruction	Diagnosis	ICD-9-CM
531.5	Chronic or unspecified gastric ulcer with perforation	Diagnosis	ICD-9-CM

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Code	Description	Category	Code Type
531.50	Chronic or unspecified gastric ulcer with perforation, without mention of obstruction	Diagnosis	ICD-9-CM
531.51	Chronic or unspecified gastric ulcer with perforation and obstruction	Diagnosis	ICD-9-CM
531.6	Chronic or unspecified gastric ulcer with hemorrhage and perforation	Diagnosis	ICD-9-CM
531.60	Chronic or unspecified gastric ulcer with hemorrhage and perforation, without mention of	Diagnosis	ICD-9-CM
E24 C4	obstruction	5	100.0.014
531.61	Chronic or unspecified gastric ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
531.7	Chronic gastric ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
531.70	Chronic gastric ulcer without mention of hemorrhage, perforation, without mention of obstruction	Diagnosis	ICD-9-CM
531.71	Chronic gastric ulcer without mention of hemorrhage or perforation, with obstruction	Diagnosis	ICD-9-CM
531.9	Gastric ulcer, unspecified as acute or chronic, without mention of hemorrhage or	Diagnosis	ICD-9-CM
531.90	Gastric ulcer, unspecified as acute or chronic, without mention of hemorrhage, perforation, or obstruction	Diagnosis	ICD-9-CM
531.91	Gastric ulcer, unspecified as acute or chronic, without mention of hemorrhage or	Diagnosis	ICD-9-CM
	perforation, with obstruction		
532.0	Acute duodenal ulcer with hemorrhage	Diagnosis	ICD-9-CM
532.00	Acute duodenal ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
532.01	Acute duodenal ulcer with hemorrhage and obstruction	Diagnosis	ICD-9-CM
532.1	Acute duodenal ulcer with perforation	Diagnosis	ICD-9-CM
532.10	Acute duodenal ulcer with perforation, without mention of obstruction	Diagnosis	ICD-9-CM
532.11	Acute duodenal ulcer with perforation and obstruction	Diagnosis	ICD-9-CM
532.2	Acute duodenal ulcer with hemorrhage and perforation	Diagnosis	ICD-9-CM
532.20	Acute duodenal ulcer with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
532.21	Acute duodenal ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
532.3	Acute duodenal ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
532.30	Acute duodenal ulcer without mention of hemorrhage, perforation, or obstruction	Diagnosis	ICD-9-CM
532.31	Acute duodenal ulcer without mention of hemorrhage or perforation, with obstruction	Diagnosis	ICD-9-CM
532.4	Chronic or unspecified duodenal ulcer with hemorrhage	Diagnosis	ICD-9-CM
532.40	Duodenal ulcer, chronic or unspecified, with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
532.41	Chronic or unspecified duodenal ulcer with hemorrhage and obstruction	Diagnosis	ICD-9-CM
532.5	Chronic or unspecified duodenal ulcer with perforation	Diagnosis	ICD-9-CM
532.50	Chronic or unspecified duodenal ulcer with perforation, without mention of obstruction	Diagnosis	ICD-9-CM
532.51	Chronic or unspecified duodenal ulcer with perforation and obstruction	Diagnosis	ICD-9-CM
532.6	Chronic or unspecified duodenal ulcer with hemorrhage and perforation	Diagnosis	ICD-9-CM
532.60	Chronic or unspecified duodenal ulcer with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
532.61	Chronic or unspecified duodenal ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
532.7	Chronic duodenal ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
532.70	Chronic duodenal ulcer without mention of hemorrhage, perforation, or obstruction	Diagnosis	ICD-9-CM
532.71	Chronic duodenal ulcer without mention of hemorrhage or perforation, with obstruction	Diagnosis	ICD-9-CM
532.9	Duodenal ulcer, unspecified as acute or chronic, without mention of hemorrhage or	Diagnosis	ICD-9-CM
	perforation	. 0	

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	baseline Characteristics in this nequest	Code	
Code	Description	Category	Code Type
532.90	Duodenal ulcer, unspecified as acute or chronic, without hemorrhage, perforation, or obstruction	Diagnosis	ICD-9-CM
532.91	Duodenal ulcer, unspecified as acute or chronic, without mention of hemorrhage or perforation, with obstruction	Diagnosis	ICD-9-CM
533.0	Acute peptic ulcer, unspecified site, with hemorrhage	Diagnosis	ICD-9-CM
533.00	Acute peptic ulcer, unspecified site, with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
533.01	Acute peptic ulcer, unspecified site, with hemorrhage and obstruction	Diagnosis	ICD-9-CM
533.1	Acute peptic ulcer, unspecified site, with perforation	Diagnosis	ICD-9-CM
533.10	Acute peptic ulcer, unspecified site, with perforation, without mention of obstruction	Diagnosis	ICD-9-CM
533.11	Acute peptic ulcer, unspecified site, with perforation and obstruction	Diagnosis	ICD-9-CM
533.2	Acute peptic ulcer, unspecified site, with hemorrhage and perforation	Diagnosis	ICD-9-CM
533.20	Acute peptic ulcer, unspecified site, with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
533.21	Acute peptic ulcer, unspecified site, with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
533.3	Acute peptic ulcer, unspecified site, without mention of hemorrhage and perforation	Diagnosis	ICD-9-CM
533.30	Acute peptic ulcer, unspecified site, without mention of hemorrhage, perforation, or obstruction	Diagnosis	ICD-9-CM
533.31	Acute peptic ulcer, unspecified site, without mention of hemorrhage and perforation, with obstruction	Diagnosis	ICD-9-CM
533.4	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage	Diagnosis	ICD-9-CM
533.40	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
533.41	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage and obstruction	Diagnosis	ICD-9-CM
533.5	Chronic or unspecified peptic ulcer, unspecified site, with perforation	Diagnosis	ICD-9-CM
533.50	Chronic or unspecified peptic ulcer, unspecified site, with perforation, without mention of obstruction	Diagnosis	ICD-9-CM
533.51	Chronic or unspecified peptic ulcer, unspecified site, with perforation and obstruction	Diagnosis	ICD-9-CM
533.6	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage and perforation	Diagnosis	ICD-9-CM
533.60	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
533.61	Chronic or unspecified peptic ulcer, unspecified site, with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
533.7	Chronic peptic ulcer, unspecified site, without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
533.70	Chronic peptic ulcer, unspecified site, without mention of hemorrhage, perforation, or obstruction	Diagnosis	ICD-9-CM
533.71	Chronic peptic ulcer of unspecified site without mention of hemorrhage or perforation, with obstruction	Diagnosis	ICD-9-CM
533.9	Peptic ulcer, unspecified site, unspecified as acute or chronic, without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
533.90	Peptic ulcer, unspecified site, unspecified as acute or chronic, without mention of hemorrhage, perforation, or obstruction	Diagnosis	ICD-9-CM
533.91	Peptic ulcer, unspecified site, unspecified as acute or chronic, without mention of hemorrhage or perforation, with obstruction	Diagnosis	ICD-9-CM

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Code	Description	Category	Code Type
534.0	Acute gastrojejunal ulcer with hemorrhage	Diagnosis	ICD-9-CM
534.00	Acute gastrojejunal ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
534.01	Acute gastrojejunal ulcer, with hemorrhage and obstruction	Diagnosis	ICD-9-CM
534.1	Acute gastrojejunal ulcer with perforation	Diagnosis	ICD-9-CM
534.10	Acute gastrojejunal ulcer with perforation, without mention of obstruction	Diagnosis	ICD-9-CM
534.11	Acute gastrojejunal ulcer with perforation and obstruction	Diagnosis	ICD-9-CM
534.2	Acute gastrojejunal ulcer with hemorrhage and perforation	Diagnosis	ICD-9-CM
534.20	Acute gastrojejunal ulcer with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
534.21	Acute gastrojejunal ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
534.3	Acute gastrojejunal ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
534.30	Acute gastrojejunal ulcer without mention of hemorrhage, perforation, or obstruction	Diagnosis	ICD-9-CM
534.31	Acute gastrojejunal ulcer without mention of hemorrhage or perforation, with obstruction	Diagnosis	ICD-9-CM
534.4	Chronic or unspecified gastrojejunal ulcer with hemorrhage	Diagnosis	ICD-9-CM
534.40	Chronic or unspecified gastrojejunal ulcer with hemorrhage, without mention of obstruction	Diagnosis	ICD-9-CM
534.41	Chronic or unspecified gastrojejunal ulcer, with hemorrhage and obstruction	Diagnosis	ICD-9-CM
534.5	Chronic or unspecified gastrojejunal ulcer with perforation	Diagnosis	ICD-9-CM
534.50	Chronic or unspecified gastrojejunal ulcer with perforation, without mention of obstruction	Diagnosis	ICD-9-CM
534.51	Chronic or unspecified gastrojejunal ulcer with perforation and obstruction	Diagnosis	ICD-9-CM
534.6	Chronic or unspecified gastrojejunal ulcer with hemorrhage and perforation	Diagnosis	ICD-9-CM
534.60	Chronic or unspecified gastrojejunal ulcer with hemorrhage and perforation, without mention of obstruction	Diagnosis	ICD-9-CM
534.61	Chronic or unspecified gastrojejunal ulcer with hemorrhage, perforation, and obstruction	Diagnosis	ICD-9-CM
534.7	Chronic gastrojejunal ulcer without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
534.70	Chronic gastrojejunal ulcer without mention of hemorrhage, perforation, or obstruction	Diagnosis	ICD-9-CM
534.71	Chronic gastrojejunal ulcer without mention of hemorrhage or perforation, with obstruction	Diagnosis	ICD-9-CM
534.9	Gastrojejunal ulcer, unspecified as acute or chronic, without mention of hemorrhage or perforation	Diagnosis	ICD-9-CM
534.90	Gastrojejunal ulcer, unspecified as acute or chronic, without mention of hemorrhage, perforation, or obstruction	Diagnosis	ICD-9-CM
534.91	Gastrojejunal ulcer, unspecified as acute or chronic, without mention of hemorrhage or perforation, with obstruction	Diagnosis	ICD-9-CM
535.00	Acute gastritis without mention of hemorrhage	Diagnosis	ICD-9-CM
535.01	Acute gastritis with hemorrhage	Diagnosis	ICD-9-CM
535.10	Atrophic gastritis without mention of hemorrhage	Diagnosis	ICD-9-CM
535.11	Atrophic gastritis with hemorrhage	Diagnosis	ICD-9-CM
535.20	Gastric mucosal hypertrophy without mention of hemorrhage	Diagnosis	ICD-9-CM
535.21	Gastric mucosal hypertrophy with hemorrhage	Diagnosis	ICD-9-CM
535.30	Alcoholic gastritis without mention of hemorrhage	Diagnosis	ICD-9-CM
535.31	Alcoholic gastritis with hemorrhage	Diagnosis	ICD-9-CM
535.40	Other specified gastritis without mention of hemorrhage	Diagnosis	ICD-9-CM
535.41	Other specified gastritis with hemorrhage	Diagnosis	ICD-9-CM
535.50	Unspecified gastritis and gastroduodenitis without mention of hemorrhage	Diagnosis	ICD-9-CM
535.51	Unspecified gastritis and gastroduodenitis with hemorrhage	Diagnosis	ICD-9-CM

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to Benne	paseine Characteristics in this nequest	Code	
Code	Description	Category	Code Type
535.60	Duodenitis without mention of hemorrhage	Diagnosis	ICD-9-CM
535.61	Duodenitis with hemorrhage	Diagnosis	ICD-9-CM
537.83	Angiodysplasia of stomach and duodenum with hemorrhage	Diagnosis	ICD-9-CM
562.00	Diverticulosis of small intestine (without mention of hemorrhage)	Diagnosis	ICD-9-CM
562.01	Diverticulitis of small intestine (without mention of hemorrhage)	Diagnosis	ICD-9-CM
562.02	Diverticulosis of small intestine with hemorrhage	Diagnosis	ICD-9-CM
562.03	Diverticulitis of small intestine with hemorrhage	Diagnosis	ICD-9-CM
562.10	Diverticulosis of colon (without mention of hemorrhage)	Diagnosis	ICD-9-CM
562.11	Diverticulitis of colon (without mention of hemorrhage)	Diagnosis	ICD-9-CM
562.12	Diverticulosis of colon with hemorrhage	Diagnosis	ICD-9-CM
562.13	Diverticulitis of colon with hemorrhage	Diagnosis	ICD-9-CM
568.81	Hemoperitoneum (nontraumatic)	Diagnosis	ICD-9-CM
569.3	Hemorrhage of rectum and anus	Diagnosis	ICD-9-CM
569.85	Angiodysplasia of intestine with hemorrhage	Diagnosis	ICD-9-CM
578.0	Hematemesis	Diagnosis	ICD-9-CM
578.1	Blood in stool	Diagnosis	ICD-9-CM
578.9	Hemorrhage of gastrointestinal tract, unspecified	Diagnosis	ICD-9-CM
593.81	Vascular disorders of kidney	Diagnosis	ICD-9-CM
599.7	Hematuria	Diagnosis	ICD-9-CM
599.70	Hematuria, unspecified	Diagnosis	ICD-9-CM
599.71	Gross hematuria	Diagnosis	ICD-9-CM
599.72	Microscopic hematuria	Diagnosis	ICD-9-CM
623.8	Other specified noninflammatory disorder of vagina	Diagnosis	ICD-9-CM
626.2	Excessive or frequent menstruation	Diagnosis	ICD-9-CM
626.6	Metrorrhagia	Diagnosis	ICD-9-CM
719.1	Hemarthrosis	Diagnosis	ICD-9-CM
719.10	Hemarthrosis, site unspecified	Diagnosis	ICD-9-CM
719.11	Hemarthrosis, shoulder region	Diagnosis	ICD-9-CM
719.12	Hemarthrosis, upper arm	Diagnosis	ICD-9-CM
719.13	Hemarthrosis, forearm	Diagnosis	ICD-9-CM
719.14	Hemarthrosis, hand	Diagnosis	ICD-9-CM
719.15	Hemarthrosis, pelvic region and thigh	Diagnosis	ICD-9-CM
719.16	Hemarthrosis, lower leg	Diagnosis	ICD-9-CM
719.17	Hemarthrosis, ankle and foot	Diagnosis	ICD-9-CM
719.18	Hemarthrosis, other specified site	Diagnosis	ICD-9-CM
719.19	Hemarthrosis, multiple sites	Diagnosis	ICD-9-CM
784.7	Epistaxis	Diagnosis	ICD-9-CM
784.8	Hemorrhage from throat	Diagnosis	ICD-9-CM
786.3	Hemoptysis	Diagnosis	ICD-9-CM
790.92	Abnormal coagulation profile	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
	unspecified state of consciousness		

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		Code	
Code	Description	Category	Code Type
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
852.2	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
852.4	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

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	Baseline Characteristics in this Request	Code	
Code	Description	Category	Code Type
852.43	Extradural hemorrhage following injury, without mention of open intracranial wound,	Diagnosis	ICD-9-CM
	moderate (1-24 hours) loss of consciousness		
852.44	Extradural hemorrhage following injury, without mention of open intracranial wound,	Diagnosis	ICD-9-CM
	prolonged (more than 24 hours) loss of consciousness and return to pre-existing conscious		
	level		
852.45	Extradural hemorrhage following injury, without mention of open intracranial wound,	Diagnosis	ICD-9-CM
	prolonged (more than 24 hours) loss of consciousness, without return to pre-existing		
	conscious level		
852.46	Extradural hemorrhage following injury, without mention of open intracranial wound, loss o	f Diagnosis	ICD-9-CM
	consciousness of unspecified duration		
852.49	Extradural hemorrhage following injury, without mention of open intracranial wound,	Diagnosis	ICD-9-CM
	unspecified concussion		
853.0	Other and unspecified intracranial hemorrhage following injury, without mention of open	Diagnosis	ICD-9-CM
	intracranial wound		
D50.0	Iron deficiency anemia secondary to blood loss (chronic)	Diagnosis	ICD-10-CM
D62	Acute posthemorrhagic anemia	Diagnosis	ICD-10-CM
D64.9	Anemia, unspecified	Diagnosis	ICD-10-CM
131.2	Hemopericardium, not elsewhere classified	Diagnosis	ICD-10-CM
160.00	Nontraumatic subarachnoid hemorrhage from unspecified carotid siphon and bifurcation	Diagnosis	ICD-10-CM
160.01	Nontraumatic subarachnoid hemorrhage from right carotid siphon and bifurcation	Diagnosis	ICD-10-CM
160.02	Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation	Diagnosis	ICD-10-CM
160.10	Nontraumatic subarachnoid hemorrhage from unspecified middle cerebral artery	Diagnosis	ICD-10-CM
160.11	Nontraumatic subarachnoid hemorrhage from right middle cerebral artery	Diagnosis	ICD-10-CM
160.12	Nontraumatic subarachnoid hemorrhage from left middle cerebral artery	Diagnosis	ICD-10-CM
160.2	Nontraumatic subarachnoid hemorrhage from anterior communicating artery	Diagnosis	ICD-10-CM
160.30	Nontraumatic subarachnoid hemorrhage from unspecified posterior communicating artery	Diagnosis	ICD-10-CM
160.31 160.32	Nontraumatic subarachnoid hemorrhage from right posterior communicating artery	Diagnosis	ICD-10-CM
160.32	Nontraumatic subarachnoid hemorrhage from left posterior communicating artery	Diagnosis	ICD-10-CM ICD-10-CM
160.4	Nontraumatic subarachnoid hemorrhage from basilar artery Nontraumatic subarachnoid hemorrhage from unspecified vertebral artery	Diagnosis	
160.50	Nontraumatic subaractinoid hemorrhage from right vertebral artery	Diagnosis Diagnosis	ICD-10-CM ICD-10-CM
160.52	Nontraumatic subarachnoid hemorrhage from left vertebral artery	Diagnosis	ICD-10-CM
160.6	Nontraumatic subarachnoid hemorrhage from other intracranial arteries	Diagnosis	ICD-10-CM
160.7	Nontraumatic subarachnoid hemorrhage from unspecified intracranial artery	Diagnosis	ICD-10-CM
160.8	Other nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
160.9	Nontraumatic subarachnoid hemorrhage, unspecified	Diagnosis	ICD-10-CM
161.0	Nontraumatic intracerebral hemorrhage in hemisphere, subcortical	Diagnosis	ICD-10-CM
161.1	Nontraumatic intracerebral hemorrhage in hemisphere, cortical	Diagnosis	ICD-10-CM
161.2	Nontraumatic intracerebral hemorrhage in hemisphere, unspecified	Diagnosis	ICD-10-CIVI
161.3	Nontraumatic intracerebral hemorrhage in brain stem	Diagnosis	ICD-10-CM
161.4	Nontraumatic intracerebral hemorrhage in cerebellum	Diagnosis	ICD-10-CM
161.5	Nontraumatic intracerebral hemorrhage, intraventricular	Diagnosis	ICD-10-CM
161.6	Nontraumatic intracerebral hemorrhage, multiple localized	Diagnosis	ICD-10-CM
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	baseline Characteristics in this nequest	Code	
Code	Description	Category	Code Type
161.8	Other nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
161.9	Nontraumatic intracerebral hemorrhage, unspecified	Diagnosis	ICD-10-CM
162.00	Nontraumatic subdural hemorrhage, unspecified	Diagnosis	ICD-10-CM
162.01	Nontraumatic acute subdural hemorrhage	Diagnosis	ICD-10-CM
162.02	Nontraumatic subacute subdural hemorrhage	Diagnosis	ICD-10-CM
162.03	Nontraumatic chronic subdural hemorrhage	Diagnosis	ICD-10-CM
162.1	Nontraumatic extradural hemorrhage	Diagnosis	ICD-10-CM
162.9	Nontraumatic intracranial hemorrhage, unspecified	Diagnosis	ICD-10-CM
185.01	Esophageal varices with bleeding	Diagnosis	ICD-10-CM
I85.11	Secondary esophageal varices with bleeding	Diagnosis	ICD-10-CM
K20.0	Eosinophilic esophagitis	Diagnosis	ICD-10-CM
K20.8	Other esophagitis	Diagnosis	ICD-10-CM
K20.9	Esophagitis, unspecified	Diagnosis	ICD-10-CM
K21.0	Gastro-esophageal reflux disease with esophagitis	Diagnosis	ICD-10-CM
K22.6	Gastro-esophageal laceration-hemorrhage syndrome	Diagnosis	ICD-10-CM
K22.8	Other specified diseases of esophagus	Diagnosis	ICD-10-CM
K25.0	Acute gastric ulcer with hemorrhage	Diagnosis	ICD-10-CM
K25.1	Acute gastric ulcer with perforation	Diagnosis	ICD-10-CM
K25.2	Acute gastric ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K25.3	Acute gastric ulcer without hemorrhage or perforation	Diagnosis	ICD-10-CM
K25.4	Chronic or unspecified gastric ulcer with hemorrhage	Diagnosis	ICD-10-CM
K25.5	Chronic or unspecified gastric ulcer with perforation	Diagnosis	ICD-10-CM
K25.6	Chronic or unspecified gastric ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K25.7	Chronic gastric ulcer without hemorrhage or perforation	Diagnosis	ICD-10-CM
K25.9	Gastric ulcer, unspecified as acute or chronic, without hemorrhage or perforation	Diagnosis	ICD-10-CM
K26.0	Acute duodenal ulcer with hemorrhage	Diagnosis	ICD-10-CM
K26.1	Acute duodenal ulcer with perforation	Diagnosis	ICD-10-CM
K26.2	Acute duodenal ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K26.3	Acute duodenal ulcer without hemorrhage or perforation	Diagnosis	ICD-10-CM
K26.4	Chronic or unspecified duodenal ulcer with hemorrhage	Diagnosis	ICD-10-CM
K26.5	Chronic or unspecified duodenal ulcer with perforation	Diagnosis	ICD-10-CM
K26.6	Chronic or unspecified duodenal ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K26.7	Chronic duodenal ulcer without hemorrhage or perforation	Diagnosis	ICD-10-CM
K26.9	Duodenal ulcer, unspecified as acute or chronic, without hemorrhage or perforation	Diagnosis	ICD-10-CM
K27.0	Acute peptic ulcer, site unspecified, with hemorrhage	Diagnosis	ICD-10-CM
K27.1	Acute peptic ulcer, site unspecified, with perforation	Diagnosis	ICD-10-CM
K27.2	Acute peptic ulcer, site unspecified, with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K27.3	Acute peptic ulcer, site unspecified, without hemorrhage or perforation	Diagnosis	ICD-10-CM
K27.4	Chronic or unspecified peptic ulcer, site unspecified, with hemorrhage	Diagnosis	ICD-10-CM
K27.5	Chronic or unspecified peptic ulcer, site unspecified, with perforation	Diagnosis	ICD-10-CM
K27.6	Chronic or unspecified peptic ulcer, site unspecified, with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K27.7	Chronic peptic ulcer, site unspecified, without hemorrhage or perforation	Diagnosis	ICD-10-CM

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	·	Code	
Code	Description	Category	Code Type
K27.9	Peptic ulcer, site unspecified, unspecified as acute or chronic, without hemorrhage or	Diagnosis	ICD-10-CM
	perforation		
K28.0	Acute gastrojejunal ulcer with hemorrhage	Diagnosis	ICD-10-CM
K28.1	Acute gastrojejunal ulcer with perforation	Diagnosis	ICD-10-CM
K28.2	Acute gastrojejunal ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K28.3	Acute gastrojejunal ulcer without hemorrhage or perforation	Diagnosis	ICD-10-CM
K28.4	Chronic or unspecified gastrojejunal ulcer with hemorrhage	Diagnosis	ICD-10-CM
K28.5	Chronic or unspecified gastrojejunal ulcer with perforation	Diagnosis	ICD-10-CM
K28.6	Chronic or unspecified gastrojejunal ulcer with both hemorrhage and perforation	Diagnosis	ICD-10-CM
K28.7	Chronic gastrojejunal ulcer without hemorrhage or perforation	Diagnosis	ICD-10-CM
K28.9	Gastrojejunal ulcer, unspecified as acute or chronic, without hemorrhage or perforation	Diagnosis	ICD-10-CM
K29.00	Acute gastritis without bleeding	Diagnosis	ICD-10-CM
K29.01	Acute gastritis with bleeding	Diagnosis	ICD-10-CM
K29.20	Alcoholic gastritis without bleeding	Diagnosis	ICD-10-CM
K29.21	Alcoholic gastritis with bleeding	Diagnosis	ICD-10-CM
K29.30	Chronic superficial gastritis without bleeding	Diagnosis	ICD-10-CM
K29.31	Chronic superficial gastritis with bleeding	Diagnosis	ICD-10-CM
K29.40	Chronic atrophic gastritis without bleeding	Diagnosis	ICD-10-CM
K29.41	Chronic atrophic gastritis with bleeding	Diagnosis	ICD-10-CM
K29.50	Unspecified chronic gastritis without bleeding	Diagnosis	ICD-10-CM
K29.51	Unspecified chronic gastritis with bleeding	Diagnosis	ICD-10-CM
K29.60	Other gastritis without bleeding	Diagnosis	ICD-10-CM
K29.61	Other gastritis with bleeding	Diagnosis	ICD-10-CM
K29.70	Gastritis, unspecified, without bleeding	Diagnosis	ICD-10-CM
K29.71	Gastritis, unspecified, with bleeding	Diagnosis	ICD-10-CM
K29.80	Duodenitis without bleeding	Diagnosis	ICD-10-CM
K29.81	Duodenitis with bleeding	Diagnosis	ICD-10-CM
K29.90	Gastroduodenitis, unspecified, without bleeding	Diagnosis	ICD-10-CM
K29.91	Gastroduodenitis, unspecified, with bleeding	Diagnosis	ICD-10-CM
K31.811	Angiodysplasia of stomach and duodenum with bleeding	Diagnosis	ICD-10-CM
K55.21	Angiodysplasia of colon with hemorrhage	Diagnosis	ICD-10-CM
K56.699	Other intestinal obstruction unspecified as to partial versus complete obstruction	Diagnosis	ICD-10-CM
K57.00	Diverticulitis of small intestine with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
K57.01	Diverticulitis of small intestine with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.10	Diverticulosis of small intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.11	Diverticulosis of small intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.12	Diverticulitis of small intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.13	Diverticulitis of small intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.20	Diverticulitis of large intestine with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
K57.21	Diverticulitis of large intestine with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.30	Diverticulosis of large intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.31	Diverticulosis of large intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.32	Diverticulitis of large intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
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	aseine Characteristics in this nequest	Code	
Code	Description	Category	Code Type
K57.33	Diverticulitis of large intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.40	Diverticulitis of both small and large intestine with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
K57.41	Diverticulitis of both small and large intestine with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.50	Diverticulosis of both small and large intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.51	Diverticulosis of both small and large intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.52	Diverticulitis of both small and large intestine without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.53	Diverticulitis of both small and large intestine without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.80	Diverticulitis of intestine, part unspecified, with perforation and abscess without bleeding	Diagnosis	ICD-10-CM
K57.81	Diverticulitis of intestine, part unspecified, with perforation and abscess with bleeding	Diagnosis	ICD-10-CM
K57.90	Diverticulosis of intestine, part unspecified, without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.91	Diverticulosis of intestine, part unspecified, without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K57.92	Diverticulitis of intestine, part unspecified, without perforation or abscess without bleeding	Diagnosis	ICD-10-CM
K57.93	Diverticulitis of intestine, part unspecified, without perforation or abscess with bleeding	Diagnosis	ICD-10-CM
K62.5	Hemorrhage of anus and rectum	Diagnosis	ICD-10-CM
K64.0	First degree hemorrhoids	Diagnosis	ICD-10-CM
K64.1	Second degree hemorrhoids	Diagnosis	ICD-10-CM
K64.2	Third degree hemorrhoids	Diagnosis	ICD-10-CM
K64.3	Fourth degree hemorrhoids	Diagnosis	ICD-10-CM
K64.4	Residual hemorrhoidal skin tags	Diagnosis	ICD-10-CM
K64.5	Perianal venous thrombosis	Diagnosis	ICD-10-CM
K64.8	Other hemorrhoids	Diagnosis	ICD-10-CM
K64.9	Unspecified hemorrhoids	Diagnosis	ICD-10-CM
K66.1	Hemoperitoneum	Diagnosis	ICD-10-CM
K92.0	Hematemesis	Diagnosis	ICD-10-CM
K92.1	Melena	Diagnosis	ICD-10-CM
K92.2	Gastrointestinal hemorrhage, unspecified	Diagnosis	ICD-10-CM
M25.00	Hemarthrosis, unspecified joint	Diagnosis	ICD-10-CM
M25.011	Hemarthrosis, right shoulder	Diagnosis	ICD-10-CM
M25.012	Hemarthrosis, left shoulder	Diagnosis	ICD-10-CM
M25.019	Hemarthrosis, unspecified shoulder	Diagnosis	ICD-10-CM
M25.021	Hemarthrosis, right elbow	Diagnosis	ICD-10-CM
M25.022	Hemarthrosis, left elbow	Diagnosis	ICD-10-CM
M25.029	Hemarthrosis, unspecified elbow	Diagnosis	ICD-10-CM
M25.031	Hemarthrosis, right wrist	Diagnosis	ICD-10-CM
M25.032	Hemarthrosis, left wrist	Diagnosis	ICD-10-CM
M25.032	Hemarthrosis, unspecified wrist	Diagnosis	ICD-10-CM
M25.039	Hemarthrosis, right hand	Diagnosis	ICD-10-CM
M25.041	Hemarthrosis, left hand	Diagnosis	ICD-10-CM
M25.042	Hemarthrosis, unspecified hand	Diagnosis	ICD-10-CM
M25.049			
	Hemarthrosis, right hip	Diagnosis	ICD-10-CM
M25.052	Hemarthrosis, left hip	Diagnosis	ICD-10-CM

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to Demic D	aseine Characteristics in this nequest	Code	
Code	Description	Category	Code Type
M25.059	Hemarthrosis, unspecified hip	Diagnosis	ICD-10-CM
M25.061	Hemarthrosis, right knee	Diagnosis	ICD-10-CM
M25.062	Hemarthrosis, left knee	Diagnosis	ICD-10-CM
M25.069	Hemarthrosis, unspecified knee	Diagnosis	ICD-10-CM
M25.071	Hemarthrosis, right ankle	Diagnosis	ICD-10-CM
M25.072	Hemarthrosis, left ankle	Diagnosis	ICD-10-CM
M25.073	Hemarthrosis, unspecified ankle	Diagnosis	ICD-10-CM
M25.074	Hemarthrosis, right foot	Diagnosis	ICD-10-CM
M25.075	Hemarthrosis, left foot	Diagnosis	ICD-10-CM
M25.076	Hemarthrosis, unspecified foot	Diagnosis	ICD-10-CM
M25.08	Hemarthrosis, other specified site	Diagnosis	ICD-10-CM
N28.0	Ischemia and infarction of kidney	Diagnosis	ICD-10-CM
N89.8	Other specified noninflammatory disorders of vagina	Diagnosis	ICD-10-CM
N92.0	Excessive and frequent menstruation with regular cycle	Diagnosis	ICD-10-CM
N92.1	Excessive and frequent menstruation with irregular cycle	Diagnosis	ICD-10-CM
R04.0	Epistaxis	Diagnosis	ICD-10-CM
R04.1	Hemorrhage from throat	Diagnosis	ICD-10-CM
R31.0	Gross hematuria	Diagnosis	ICD-10-CM
R31.1	Benign essential microscopic hematuria	Diagnosis	ICD-10-CM
R31.21	Asymptomatic microscopic hematuria	Diagnosis	ICD-10-CM
R31.29	Other microscopic hematuria	Diagnosis	ICD-10-CM
R31.9	Hematuria, unspecified	Diagnosis	ICD-10-CM
R58	Hemorrhage, not elsewhere classified	Diagnosis	ICD-10-CM
R79.1	Abnormal coagulation profile	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	Diagnosis	ICD-10-CM
	encounter		
S06.4X3A	Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial	Diagnosis	ICD-10-CM
S06.4X4A	encounter Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
	Epidural hemorrhage with loss of consciousness greater than 24 hours with return to pre-	_	
S06.4X5A	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-	Diagnosis	ICD-10-CM
	existing conscious level with patient surviving, initial encounter		
S06.4X7A	Epidural hemorrhage with loss of consciousness of any duration with death due to brain	Diagnosis	ICD-10-CM
	injury prior to regaining consciousness, initial encounter		
S06.4X8A	Epidural hemorrhage with loss of consciousness of any duration with death due to other	Diagnosis	ICD-10-CM
	causes prior to regaining consciousness, initial encounter		
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	Diagnosis	ICD-10-CM
	encounter		

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	ascime enaracteristics in this request	Code	
Code	Description	Category	Code Type
S06.5X2A	Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes,	Diagnosis	ICD-10-CM
	initial encounter		
S06.5X3A	Traumatic subdural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes,	Diagnosis	ICD-10-CM
	initial encounter		
S06.5X4A	Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial	Diagnosis	ICD-10-CM
COC EVE A	encounter	Diagrapia	ICD 10 CM
S06.5X5A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours with	Diagnosis	ICD-10-CM
S06.5X6A	return to pre-existing conscious level, initial encounter Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours without	Diagnosis	ICD-10-CM
300.3X0A	return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CIVI
S06.5X7A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due	Diagnosis	ICD-10-CM
300.3/(7/	to brain injury before regaining consciousness, initial encounter	Diagnosis	ICD 10 CIVI
S06.5X8A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due	Diagnosis	ICD-10-CM
	to other cause before regaining consciousness, initial encounter	Ü	
S06.5X9A	Traumatic subdural hemorrhage with loss of consciousness of unspecified duration, initial	Diagnosis	ICD-10-CM
	encounter		
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	Diagnosis	ICD-10-CM
	encounter		
S06.6X2A	Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59	Diagnosis	ICD-10-CM
	minutes, initial encounter		
S06.6X3A	Traumatic subarachnoid hemorrhage with loss of consciousness of 1 hour to 5 hours 59	Diagnosis	ICD-10-CM
COC CVAA	minutes, initial encounter	Diagrapia	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	Diagnosis	ICD-10-CM
300.0X3A	return to pre-existing conscious level, initial encounter	Diagnosis	ICD TO CIVI
S06.6X6A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours	Diagnosis	ICD-10-CM
	without return to pre-existing conscious level with patient surviving, initial encounter		
S06.6X7A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death	Diagnosis	ICD-10-CM
	due to brain injury prior to regaining consciousness, initial encounter	_	
S06.6X8A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death	Diagnosis	ICD-10-CM
	due to other cause prior to regaining consciousness, initial encounter		
S06.6X9A	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration,	Diagnosis	ICD-10-CM
	initial encounter		

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Appendix I. Evaluation Windows Used to Define Baseline Characteristics in this Request

Characteristic	Evaluation Window	Care Settings
KEY: Highlighted = Table 1, not in Propensity Score	(PS)	
Age (continuous)	Index date	
Age-group		
21-49	Index date	
50-64	Index date	
Sex		
Female	Index date	
Male	Index date	
Other	Index date	
Race/ethnicity		
American Indian or Alaska Native	Index date	
Asian	Index date	
Black or African American	Index date	
Native Hawaiian or Other Pacific Islander	Index date	
White	Index date	
Unknown	Index date	
Year		
2010	Index date	
2011	Index date	
2012	Index date	
2013	Index date	
2014	Index date	
2015	Index date	
2016	Index date	
2017	Index date	
2018	Index date	
2019	Index date	
2020	Index date	
2021	Index date	
Medical comorbidities		Any
Diabetes	-183 to 0	Any
Hypercholesterolemia	-183 to 0	Any
Hypertension	-183 to 0	Any
Kidney failure - Chronic	-183 to 0	Any
Kidney failure - Acute	-183 to 0	Any
Obesity	-183 to 0	Any
Peptic ulcer disease	-183 to 0	Any
Nicotine dependency	-183 to 0	IPP or IPS
Hospitalized AMI (past 0-30 days)	-30 to 0	IPP or IPS
Hospitalized AMI (past 31-183 days)	-183 to -31	Any
Coronary revascularization	-183 to 0	IP* or ED*
Hospitalized heart failure	-183 to 0	AV* or OA*
Outpatient heart failure	-183 to 0	Any
Other ischemic heart disease	-183 to 0	IPP
Hospitalized stroke (past 0-30 days)	-30 to 0	IPP
Hospitalized stroke (past 31-183 days)	-183 to -31	Any
Transient ischemic attack	-183 to 0	Any
Other medical conditions (falls, fractures, syncope, walker use)e, walker use)	-183 to 0	Any

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Appendix I. Evaluation Windows Used to Define Baseline Characteristics in this Request

Characteristic	Evaluation Window	Care Settings
Cardioversion	-183 to 0	Any
Cardioablation	-183 to 0	IPP
Hospitalized for bleeding	-183 to 0	
ledication use		-
Estrogen replacement	-183 to 0	-
H2-antagonist	-183 to 0	-
NSAIDs	-183 to 0	-
Proton pump inhibitors	-183 to 0	-
SSRI antidepressants	-183 to 0	-
Insulin	-183 to 0	-
Metformin (Biguanide)	-183 to 0	-
Sulfonylureas	-183 to 0	-
Other Diabetes Medications	-183 to 0	-
ACEI/ARB	-183 to 0	-
Antiarrhythmics	-183 to 0	-
Anti-coagulant (injectable)	-183 to 0	-
Anti-platelets	-183 to 0	-
Beta-blockers	-183 to 0	-
Calcium channel blockers	-183 to 0	-
Digoxin	-183 to 0	-
Diuretics - Loop	-183 to 0	_
Diuretics - Potassium sparing	-183 to 0	-
Diuretics - Thiazide	-183 to 0	-
Nitrates	-183 to 0	-
Statins	-183 to 0	-
Fibrates	-183 to 0	-
Amiodarone	-183 to 0	_
Dronedarone	-183 to 0	
HA ₂ DS ₂ -VASc score (continuous)	-183 to 0	
HA ₂ DS ₂ -VASc score (categorical)	402 +- 0	-
0	-183 to 0	-
1	-183 to 0	-
2	-183 to 0	-
3	-183 to 0	-
4	-183 to 0	-
5+	-183 to 0	_
AS-BLED score (continuous)	-183 to 0	
AS-BLED score (categorical)		-
0	-183 to 0	-
1	-183 to 0	-
2	-183 to 0	-
3+	-183 to 0	
ealth care utilization		IP*
Number of inpatient hospital stays	-183 to 0	AV*
Number of ambulatory visits	-183 to 0	
Number of emergency room encounters		ED*
0 visit	-30 to 0	ED*
At least 1 visit	-30 to 0	ED*

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Appendix I. Evaluation Windows Used to Define Baseline Characteristics in this Request

Characteristic	Evaluation Window	Care Settings
2+ visits	-30 to 0	
Number of emergency room encounters		ED*
0 visit	-183 to -31	ED*
At least 1 visit	-183 to -31	ED*
2+ visits	-183 to -31	-
Number of unique generics dispensed	-183 to 0	

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Appendix J. Specifications Defining Parameters for this Request

The Center for Drug Evaluation and Research has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) tool v11.3.0 with additional programming to compare risk of stroke and bleeding associated with use of apixaban and rivaroxaban in those aged 64 years or younger in the Sentinel Distributed Database (SDD).

Query period: 10/19/2010 - 02/28/2022

Coverage requirement: Medical and drug coverage

Pre-index enrollment requirement: 183 days
Post-Index Enrollment Requirement: None
Enrollment gap: 45 days

Age groups: 21-49, 50-64 years

Stratifications: None Censor Output Categorization: None

Envelope macro: No reclassification

Freeze data: Yes

Additional programming needed: Risk scores, daily dose requirement, custom forest plots, custom weight distribution output

Output Denominator: No

	Compa	rison 1	Compa	rison 2	Compa	rison 3	Comparison 4	
	Ove	erall	Ove	erall	Overall		Overall	
Drug/Exposure								
Exposure/Comparator	Rivaroxaban, 20 mg	Apixaban, 5 mg	Rivaroxaban, 20 mg	Apixaban, 5 mg	Rivaroxaban, 20 mg	Apixaban, 5 mg	Rivaroxaban, 20 mg	Apixaban, 5 mg
Daily Dose Requirement	Once daily	Twice daily	Once daily	Twice daily	Once daily	Twice daily	Once daily	Twice daily
Incident w/ Respect to:	Rivaroxaban 20 mg	Apixaban, 5 mg	Rivaroxaban 20 mg	Apixaban, 5 mg	Rivaroxaban 20 mg	Apixaban, 5 mg	Rivaroxaban 20 mg	Apixaban, 5 mg
Incidence Assessment	ncidence Assessment Dispensing date or days supply		Dispensing date or days supply		Dispensing date or days supply		Dispensing date or days supply	
Washout (days)	Washout (days) 183		183		183		183	
Cohort Definition	First valid incident	exposure episode	First valid incident exposure episode First		First valid incident exposure episode		First valid incident exposure episode	
Stockpiling overlapping	33	3%	33%		33%		33%	
Episode Gap	3	3	3		3	3	3	
Episode Extension Period	3	3	3	3	3		3	
Minimum Episode Duration	3	1	3	1	1		1	
Maximum Episode Duration	laximum Episode Duration None		None None		ne	None		
Minimum Days Supplied 1		1	3	1	1		1	
Minimum cumulative dose of index medication	N,	/A	N/A		N/A		N/A	
Maximum cumulative dose of index medication	N,	/A	N,	/A	N,	/A	N,	/A

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Appendix J. Specifications De	fining Parameters	for this Request							
Evaluation period for	ining rarameters	nor tills request							
cumulative dose	N	/A	N	/A	N	/A	N,	/A	
determination	,			•					
Minimum Current Filled	21/2				N/A				
Daily Dose of index	N/A		N	/A	N	/A	N,	/A	
Maximum Current Filled	A.I.	/^		/^		/^	N.1	/^	
Daily Dose of index	IN,	/A	N	/A	IN	/A	N,	/A	
Forced supply to attach to	N	/A	N	/A	N	/A	N	/A	
dispensings	IV	/A	IN	/A	IN	/A	IN,	/A	
Censor Criteria	Death,		Death,		Death,		Death,		
	DP end date,		DP end date,		DP end date,		DP end date,		
	Disenrollment,		Disenrollment,		Disenrollment,		Disenrollment,		
	Event,		Event,		Event,		Event,		
	End of exposure e	pisode,	End of exposure e	episode,	End of exposure e	pisode,	End of exposure e	pisode,	
	Comparator drug	dispensing,	Comparator drug		Comparator drug	dispensing,	Comparator drug dispensing,		
	Low-dose of curre	ent exposure,	Low-dose of current exposure,		Low-dose of curre		Low-dose of current exposure,		
	Warfarin dispensing,		Warfarin dispensing,		Warfarin dispensi	Warfarin dispensing,		Warfarin dispensing,	
	Edoxaban dispensing,		Edoxaban dispensing,		Edoxaban dispensing,		Edoxaban dispensing,		
	Dabigatran disper		Dabigatran dispensing,		Dabigatran dispensing,		Dabigatran dispensing,		
	Kidney transplant		Kidney transplant,		Kidney transplant,		Kidney transplant,		
	Dialysis,		Dialysis,		Dialysis,		Dialysis,		
	IS encounter,		IS encounter,		IS encounter,		IS encounter,		
	Major extracrania	l bleeding,	Thromboembolic stroke,		Thromboembolic stroke,		Thromboembolic stroke,		
	Gastrointestinal hemorrhage,		Gastrointestinal h	iemorrhage,	Major extracrania		Major extracranial bleeding,		
	Intracranial hemorrhage		Intracranial hemorrhage		Intracranial hemo	rrhage	Gastrointestinal hemorrhage		
Create Baseline Table?	Υ	es	Υ	es	Yes		Yes		
Inclusion/Exclusion									
Pre-Existing Condition	Atrial fibrillat	tion or flutter	Atrial fibrillation or flutter Atrial fibrillation or flutter		tion or flutter	Atrial fibrillation or flutter			
Include/Exclude	Incl	ude	Inc	Include		Include		Include	
Care Setting/PDX	Setting/PDX Any		A	Any		Any		Any	
Lookback Period	ack Period -183, 0		-18	3, 0	-18	3, 0	-18	3, 0	
Number of instances the									
criteria should be found in ≥ 1		≥	: 1	≥	1	≥	1		
evaluation period									
Pre-Existing Condition	Low-dose	Low-dose	Low-dose	Low-dose	Low-dose	Low-dose	Low-dose	Low-dose	
	rivaroxaban,	apixaban,	rivaroxaban,	apixaban,	rivaroxaban,	apixaban,	rivaroxaban,	apixaban,	
	dabigatran,	rivaroxaban,	dabigatran,	rivaroxaban,	dabigatran,	rivaroxaban,	dabigatran,	rivaroxaban,	
	apixaban,	dabigatran,	apixaban,	dabigatran,	apixaban,	dabigatran,	apixaban,	dabigatran,	
	edoxaban, warfarin	edoxaban, warfarin	edoxaban, warfarin	edoxaban, warfarir	edoxaban, warfarin	edoxaban, warfarin	edoxaban, warfarin	edoxaban, warfarin	

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Include/Exclude	Exclude	Exclude	Exclude	Exclude	
ookback Period	-183, 0	-183, 0	-183, 0	-183, 0	
ookback period to define					
condition looks for evidence	Dispensing date or days supply				
of a date or evidence of an	Dispensing date of days supply	Dispensing date of days supply	Dispensing date of days supply	Disperising date of days supply	
nterval Number of instances the					
riteria should be found in evaluation period	≥1	≥1	≥1	≥1	
Minimum Days Supplied	1	1	1	1	
Minimum cumulative dose	N/A	N/A	N/A	N/A	
/linimum average filled	N/A	N/A	N/A	N/A	
laily dose	N/A	N/A	N/A	IN/A	
/laximum average filled	N/A	N/A	N/A	N/A	
aily dose		.4	,		
Ninimum current filled daily	N/A	N/A	N/A	N/A	
ose Naximum current filled					
aily dose	N/A	N/A	N/A	N/A	
orced supply to attach to	21/2	N1/A	21/2	21/2	
ispensings	N/A	N/A	N/A	N/A	
re-Existing Condition	Institutional stay encounter	Institutional stay encounter	Institutional stay encounter	Institutional stay encounter	
nclude/Exclude	Exclude	Exclude	Exclude	Exclude	
ookback Period	0, 0	0, 0	0, 0	0, 0	
lumber of instances the					
riteria should be found in	≥ 1	≥ 1	≥ 1	≥ 1	
evaluation period	Dialysis,	Dialysis,	Dialysis,	Dialysis,	
re-Existing Condition	Kidney replacement,	Kidney replacement,	Kidney replacement,	Kidney replacement,	
	Deep vein thrombosis,	Deep vein thrombosis,	Deep vein thrombosis,	Deep vein thrombosis,	
	Pulmonary embolism,	Pulmonary embolism,	Pulmonary embolism,	Pulmonary embolism,	
	Joint replacement,	Joint replacement,	Joint replacement,	Joint replacement,	
	Mitral valve disease,	Mitral valve disease,	Mitral valve disease,	Mitral valve disease,	
	Valve replacement,	Valve replacement,	Valve replacement,	Valve replacement,	
	Valve repair	Valve repair	Valve repair	Valve repair	
nclude/Exclude	Exclude	Exclude	Exclude	Exclude	
Care Setting/PDX	Any, except AV/OA for dialysis	Any, except AV/OA for dialysis	Any, except AV/OA for dialysis	Any, except AV/OA for dialys	
Lookback Period	-183, 0	-183, 0	-183, 0	-183, 0	

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Appendix J. Specifications De	fining Parameters for this Request			
Number of instances the				
criteria should be found in	≥1	≥1	≥1	≥1
evaluation period				
Event/Outcome				
Event/Outcome	Thromboembolic stroke	Major Extracranial Bleeding ¹	Gastrointestinal hemorrhage ²	Intracranial Hemorrhage
Care Setting/PDX	IPP	IPP	IPP	IPP
Washout (days)	0	0	0	0
	De-duplicates occurrences of the same	De-duplicates occurrences of the same	De-duplicates occurrences of the same	De-duplicates occurrences of the same
Event de-duplication	event group on the same day	event group on the same day	event group on the same day	event group on the same day
Forced supply to attach to dispensings	N/A	N/A	N/A	N/A
Risk Window Interval Start	N/A			
Blackout Period	1	1	1	1

¹The major extracranial bleed outcome is defined as **a)** one code from "MEB_1" tab in the primary inpatient position AND no code from "MEB_trauma_exclusion" on the same day OR **b)** one code from "MEB_2" in the primary inpatient position AND one code from "MEB_1" in secondary or unspecified inpatient position on the same day AND no code from "MEB_trauma_exclusion" on the same day

ICD-9, ICD-10, HCPCS, and CPT codes are provided by Optum360. NDC codes are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."

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²The gastrointestinal hemorrhage outcome is defined as **a)** one code from "GI_1" tab in the primary inpatient position OR **b)** one code from "GI_2" in the primary inpatient position AND one code from "GI_1" in secondary or unspecified inpatient position on the same day



Appendix K. Specifications for Propensity Score (PS) Models

The Center for Drug Evaluation and Research has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) tool with additional programming to compare risk of stroke and bleeding associated with use of apixaban and rivaroxaban in those aged 64 years or younger in the Sentinel Distributed Database (SDD).

	PS Models	Comparison					Analyses		
	Model	Comparison	EOI	REF	PS Model Label	PS Model Label (plus programming)	Analysis name 1	Analysis name 2	Analysis name 3
1		Rivaroxaban	riv_stroke	api_strok					
		vs. Apixaban,		е					
	Overall	Stroke			riv_api_stroke	riv_api	riv_api_stroke_0	riv_api_stroke_1	riv_api_stroke_2.5
2		Rivaroxaban	riv_meb	api_meb					
		vs. Apixaban,							
		Major							
		Extracranial							
	Overall	Bleeding			riv_api_meb	riv_api	riv_api_meb_0	riv_api_meb_1	riv_api_meb_2.5
3		Rivaroxaban	riv_gi	api_gi					
		vs. Apixaban,							
		Gastrointestin							
		al Hemorrhage							
	Overall				riv_api_gi	riv_api	riv_api_gi_0	riv_api_gi_1	riv_api_gi_2.5
4		Rivaroxaban	riv_ich	api_ich					
		vs. Apixaban,							
		Intracranial							
	Overall	Hemorrhage			riv_api_ich	riv_api	riv_api_ich_0	riv_api_ich_1	riv_api_ich_2.5

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Appendix K. Specifications for Propensity Score (PS) Models

Propensity Score Estimation Parameters

cilications for Propensity Score (PS) Models					
Firth Logistic	No				
Intercept					
Corrected					
Method					
High-	No				
dimensional					
Propensity					
Score					

Propensity Score Analysis

	Analysis Group
Analysis name	All listed above
IP weight	ATE Stabilized
calculation	
Weight truncation?	- No truncation
truncation?	- 1st percentile
	truncation
	- 2.5 percentile
	truncation

Z

		Analysis Group			
	Analysis name	All listed above			
Subgroups	Subgroups	Sex	Age Group	CHA2DS2-VASc	HAS-BLED
	Subgroup Categories	Females, Males	21-49, 50- 64	0, 1, 2, 3, 4, 5+	0, 1, 2, 3+
Su	Firth Logistic Intercept Corrected Method	No	No	No	No
	Re-estimate Propensity Score	Yes: the propensity score will be re-estimated			

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