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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Request ID: cder_mpl1r_wp267

Request Description: In this report we identified pregnancies ending in live birth delivery in the Sentinel Distributed Database (SDD), and assessed utilization during pregnancy for selected 120 medical products (MP) with labeling changes related to pregnancy.

Sentinel Routine Querying Module: Cohort Identification and Descriptive Analysis (CIDA) module, version 13.0.1. This is a Type 4 analysis in the Query Request Package (QRP) documentation.

Data Source: We distributed this query to 13 Sentinel Data Partners on February 29, 2024. The study period included data from 1/1/2008 through the most recently available data at each Data Partner (DP). The last date of available data at any Data Partner was 9/30/2023. Please see Appendix A for a list of the latest dates of available data for each DP included in this report.

Study Design: We identified patients with female sex in the Sentinel Common Data Model demographics table between the ages of 10 and 54 years with evidence of a live birth delivery, and assessed use of selected MPs during pregnancy and by trimester.

Cohort Eligibility Criteria: We required members to be enrolled in health plans with medical and drug coverage from the estimated pregnancy start date through the delivery date in order to be included in the cohort; a gap in coverage of up to 45 days was allowed and treated as continuous enrollment. The following age groups were included in the live birth delivery pregnancy cohort: 10-17, 18-24, 25-34, 35-44, and 45-54 years of age.

Pregnancy Episode Creation: We identified pregnancies ending specifically in a live birth delivery in any diagnostic position of the inpatient care setting. See Appendix B for a list of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis codes used to define live birth delivery.

We used an algorithm with a hierarchy of pregnancy markers to determine the length of the pregnancy episode[1-5]. The list of prioritized pregnancy markers included ICD-10-CM, Current Procedural Terminology, Fourth Edition (CPT-4), and Healthcare Common Procedure Coding System (HCPCS) codes indicative of weeks of gestation, preterm or post term codes without gestational age information, prenatal screening tests, and codes indicating trimester of pregnancy or prenatal visits during pregnancy. Each pregnancy marker code was assigned an associated pregnancy duration and unique priority indicator. Pregnancy markers were observed in the 301 days prior to live birth delivery through seven days after live birth delivery. If a pregnancy marker code was observed within the observation window, the duration value associated with the specific code was used to calculate the pregnancy duration. If multiple marker codes were observed, priority was given to the pregnancy marker providing the most reliable estimation of pregnancy start and the associated pregnancy duration was assigned. See Appendix C for a list of ICD-10-CM, CPT-4, and HCPCS codes and details about the algorithm to estimate pregnancy duration.

Medical Products of Interest: We defined 120 MPs of interest using pharmacy dispensing data (via National Drug Codes [NDCs]) and medical procedure data (via HCPCS codes). We considered a pregnancy exposed to a given MP if that MP's episode overlapped the period from estimated pregnancy start through the admission date for live birth delivery. We measured medical product use in the first, second, and third trimesters, use in any trimester, and use in all trimesters. Use in a trimester was defined as any day of exposure during the evaluated trimester, regardless of the use in other trimesters. See Appendix D for a list of non-proprietary names and Appendix E for a list of HCPCS codes used to define MPs.

Baseline Characteristics: We assessed the following demographic characteristics of the mother: age, sex, race, Hispanic ethnicity, and year of delivery.

We also summarized gestational age based on pregnant markers present in the data and classified the pregnancy into preterm (less than 37 weeks), early term (37 0/7 weeks through 38 6/7 weeks), full term (39 0/7 weeks through 40 6/7 weeks), late term (41 0/7 weeks through 41 6/7 weeks), post-term (42 0/7 weeks and beyond), unknown term (without any pregnancy markers), and mean gestational age at live birth delivery.

Health Service Utilization Intensity: We evaluated mean health service and medication utilization from the estimated pregnancy start date through the end of the first trimester (97 days through pregnancy).

Overview for Request: cder_mpl1r_267
Please see Appendix F for specifications of the parameters used in this request, Appendix G for a summary of MPs and classification into drug concepts, and Appendix H for a design diagram.
Limitations: Algorithms and codes to define pregnancy episodes and MPs are imperfect and may be misclassified. Therefore, data should be interpreted with this limitation in mind.
Notes: 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-tool-documentation/browse).

[1]Moll K, Wong HL, Fingar K, et al. Validating Claims-Based Algorithms Determining Pregnancy Outcomes and Gestational Age Using a Linked Claims-Electronic Medical Record Database. Drug Saf. 2021;44(11):1151-1164.

[2]Matcho A, Ryan P, Fife D, Gifkins D, Knoll C, Friedman A. Inferring pregnancy episodes and outcomes within a network of observational databases. Magee LA, ed. PLoS ONE. 2018;13(2):e0192033.

[3]Li Q, Andrade SE, Cooper WO, et al. Validation of an algorithm to estimate gestational age in electronic health plan databases. Pharmacoepidemiol Drug Saf. 2013;22(5):524-532.

[4]Bertoia ML, Phiri K, Clifford CR, et al. Identification of pregnancies and infants within a US commercial healthcare administrative claims database. Pharmacoepidemiology and Drug. 2022;31(8):863-874.

[5]Hornbrook MC, Whitlock EP, Berg CJ, et al. Development of an Algorithm to Identify Pregnancy Episodes in an Integrated Health Care Delivery System. Health Serv Res. 2007;42(2):908-927.

Glossary. List of Terms Found in this Report using Cohort Identification and Descriptive Analysis (CIDA) Module*

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

*all terms may not be used in this report

Table 1. Aggregated Characteristics of Live Birth Delivery Pregnancies in the Sentinel Distributed Database from January 1, 2008 to September 30, 2023

Live Birth Delivery Pregnancies		
Mother Characteristics[1]	**Number/Mean**	**Percent/ Standard Deviation[2]**
Unique patients	6,077,269	N/A
Live birth delivery pregnancies	7,121,593	100.0%
Demographic Characteristics	**Number/Mean**	**Percent/ Standard Deviation[2]**
Age (years) at live birth delivery	29.6	5.6
Age at live birth delivery		
10-17 years	126,217	1.8%
18-24 years	1,563,473	22.0%
25-34 years	4,103,425	57.6%
35-44 years	1,303,179	18.3%
45-54 years	25,299	0.4%
Sex		
Female	6,077,269	100.0%
Race[3]		
American Indian or Alaska Native	59,726	1.0%
Asian	144,722	2.4%
Black or African American	623,835	10.3%
Multi-racial	71,461	1.2%
Native Hawaiian or Other Pacific Islander	21,391	0.4%
Unknown	3,823,209	62.9%
White	1,332,925	21.9%
Hispanic origin		
Yes	603,486	9.9%
No	1,888,748	31.1%
Unknown	3,585,035	59.0%
Year of live birth delivery		
2008	176,083	2.5%

Table 1. Aggregated Characteristics of Live Birth Delivery Pregnancies in the Sentinel Distributed Database from January 1, 2008 to September 30, 2023

Demographic Characteristics	Number/Mean	Percent/ Standard Deviation[2]
Live Birth Delivery Pregnancies		
2009	293,680	4.1%
2010	274,483	3.9%
2011	268,732	3.8%
2012	262,361	3.7%
2013	269,134	3.8%
2014	316,381	4.4%
2015	438,685	6.2%
2016	645,656	9.1%
2017	873,525	12.3%
2018	878,388	12.3%
2019	868,412	12.2%
2020	867,964	12.2%
2021	290,552	4.1%
2022	274,578	3.9%
2023	122,979	1.7%
Pregnancy Characteristics	**Number/Mean**	**Standard Deviation[2]**
Preterm: less than 37 weeks	799,925	11.2%
Early term: 37 0/7 weeks through 38 6/7 weeks	1,937,536	27.2%
Full term: 39 0/7 weeks through 40 6/7 weeks	3,085,335	43.3%
Late term: 41 0/7 weeks through 41 6/7 weeks	1,128,500	15.8%
Postterm: 42 0/7 weeks and beyond	55,328	0.8%
Unknown Term	114,969	1.6%
Gestational age[4] at live birth delivery (weeks)	39.3	2.7
Health Service Utilization Intensity Metrics in the First Trimester	**Number/Mean**	**Percent/ Standard Deviation[2]**
Mean number of ambulatory encounters	4.3	4.2
Mean number of emergency room encounters	0.3	0.8

Table 1. Aggregated Characteristics of Live Birth Delivery Pregnancies in the Sentinel Distributed Database from January 1, 2008 to September 30, 2023

Health Service Utilization Intensity Metrics in the First Trimester	Live Birth Delivery Pregnancies	
	Number/Mean	Percent/ Standard Deviation[2]
Mean number of inpatient hospital encounters	0.0	0.1
Mean number of non-acute institutional encounters	0.0	0.0
Mean number of other ambulatory encounters	1.7	3.0
Mean number of filled prescriptions	2.3	3.3
Mean number of generics dispensed	1.7	2.1
Mean number of unique drug classes dispensed	1.6	2.0

[1]All metrics are based on total number of episodes per group, except for sex, race, and Hispanic origin which are based on total number of unique patients.

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

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

[4]The length of the pregnancy episode was estimated using a hierarchy of pregnancy markers. If overlapping pregnancy episodes were constructed in the same patient due to observation of multiple pregnancy markers, then the markers providing more reliable estimation of pregnancy start was selected for estimation of pregnancy start date. If no pregnancy markers were observed, then a fixed pregnancy duration of 273 days was assigned.

Table 2. Live Birth Delivery Pregnancies with Exposures of Interest in the Sentinel Distributed Database from January 1, 2008 to September 30, 2023

Exposures of Interest[3]	Use During Any Trimester		Use in First Trimester[1]		Use in Second Trimester[1]		Use in Third Trimester[1,2]		Use in All Trimesters	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
7,121,593 total live birth pregnancies; 7,010,620 pregnancies progressed to the 3rd trimester										
Abacavir Containing Products	403	0.0%	155	0.0%	182	0.0%	66	0.0%	0	0.0%
Adalimumab Containing Products	848	0.0%	477	0.0%	227	0.0%	146	0.0%	0	0.0%
Amlodipine Containing Products	4,731	0.1%	3,047	0.0%	977	0.0%	744	0.0%	0	0.0%
Amoxicillin Containing Products	881,121	12.4%	355,774	5.0%	315,025	4.4%	220,302	3.1%	0	0.0%
Anakinra Containing Products	787	0.0%	365	0.0%	325	0.0%	100	0.0%	0	0.0%
Atazanavir Containing Products	*****	*****	*****	*****	*****	*****	*****	*****	0	0.0%
Atorvastatin Containing Products	1,994	0.0%	1,491	0.0%	294	0.0%	216	0.0%	0	0.0%
Betamethasone Containing Products	239,075	3.4%	23,173	0.3%	52,147	0.7%	164,768	2.4%	0	0.0%
Bismuth Containing Products	126	0.0%	113	0.0%	*****	*****	*****	*****	0	0.0%
Budesonide Containing Products	47,786	0.7%	17,267	0.2%	19,895	0.3%	10,959	0.2%	0	0.0%
Buprenorphine Containing Products	20,323	0.3%	8,398	0.1%	7,602	0.1%	4,449	0.1%	*****	*****
Bupropion Containing Products	35,177	0.5%	17,149	0.2%	11,528	0.2%	6,703	0.1%	0	0.0%
Butalbital Containing Products	136,900	1.9%	42,824	0.6%	65,815	0.9%	28,667	0.4%	0	0.0%
Cabotegravir Containing Products	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Calcipotriene Containing Products	1,413	0.0%	793	0.0%	374	0.0%	257	0.0%	0	0.0%
Carbamazepine Containing Products	1,073	0.0%	661	0.0%	231	0.0%	188	0.0%	0	0.0%
Certolizumab Pegol Containing Products	860	0.0%	386	0.0%	341	0.0%	135	0.0%	0	0.0%
Ciprofloxacin Containing Products	64,827	0.9%	42,133	0.6%	12,843	0.2%	10,022	0.1%	0	0.0%
Clarithromycin Containing Products	8,723	0.1%	6,075	0.1%	1,600	0.0%	1,062	0.0%	0	0.0%
Clobazam Containing Products	47	0.0%	28	0.0%	13	0.0%	*****	*****	0	0.0%
Clobetasol Containing Products	26,254	0.4%	10,450	0.1%	8,488	0.1%	7,520	0.1%	0	0.0%
Cobicistat Containing Products	413	0.0%	200	0.0%	143	0.0%	70	0.0%	0	0.0%
Codeine Containing Products	198,634	2.8%	63,053	0.9%	78,024	1.1%	58,425	0.8%	0	0.0%
Copper Form Iud Containing Products	1,563	0.0%	316	0.0%	71	0.0%	1,176	0.0%	0	0.0%
Darunavir Containing Products	504	0.0%	220	0.0%	186	0.0%	98	0.0%	0	0.0%
Decitabine Containing Products	*****	*****	0	0.0%	0	0.0%	*****	*****	0	0.0%
Deferiprone Containing Products	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Deflazacort Containing Products	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

Table 2. Live Birth Delivery Pregnancies with Exposures of Interest in the Sentinel Distributed Database from January 1, 2008 to September 30, 2023

Exposures of Interest[3]	Use During Any Trimester		Use in First Trimester[1]		Use in Second Trimester[1]		Use in Third Trimester[1,2]		Use in All Trimesters	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
7,121,593 total live birth pregnancies; 7,010,620 pregnancies progressed to the 3rd trimester										
Desoximetasone Containing Products	3,375	0.0%	1,277	0.0%	1,215	0.0%	901	0.0%	0	0.0%
Desvenlafaxine Containing Products	1,265	0.0%	860	0.0%	218	0.0%	200	0.0%	0	0.0%
Diazepam Containing Products	22,190	0.3%	19,260	0.3%	1,739	0.0%	1,209	0.0%	0	0.0%
Didanosine Containing Products	*****	*****	*****	*****	*****	*****	*****	*****	0	0.0%
Divalproex Or Valproic Containing Products	1,985	0.0%	1,488	0.0%	240	0.0%	265	0.0%	0	0.0%
Dolutegravir Containing Products	1,026	0.0%	365	0.0%	446	0.0%	216	0.0%	0	0.0%
Duloxetine Containing Products	6,376	0.1%	4,288	0.1%	1,201	0.0%	921	0.0%	0	0.0%
Dutasteride Containing Products	*****	*****	*****	*****	0	0.0%	0	0.0%	0	0.0%
Eculizumab Containing Products	12	0.0%	*****	*****	*****	*****	*****	*****	0	0.0%
Efavirenz Containing Products	52	0.0%	21	0.0%	21	0.0%	*****	*****	0	0.0%
Elagolix Containing Products	44	0.0%	42	0.0%	*****	*****	0	0.0%	0	0.0%
Elvitegravir Containing Products	296	0.0%	146	0.0%	103	0.0%	47	0.0%	0	0.0%
Emtricitabine Containing Products	2,975	0.0%	1,282	0.0%	1,184	0.0%	515	0.0%	0	0.0%
Enoxaparin Containing Products	67,858	1.0%	45,135	0.6%	13,642	0.2%	9,251	0.1%	0	0.0%
Etanercept Containing Products	430	0.0%	240	0.0%	94	0.0%	102	0.0%	0	0.0%
Etravirine Containing Products	33	0.0%	18	0.0%	*****	*****	*****	*****	0	0.0%
Ezetimibe Containing Products	92	0.0%	70	0.0%	16	0.0%	*****	*****	0	0.0%
Finasteride Containing Products	16	0.0%	12	0.0%	*****	*****	*****	*****	0	0.0%
Fludeoxyglucose F 18 Containing Products	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Fluoxetine Containing Products	40,572	0.6%	19,152	0.3%	13,147	0.2%	8,520	0.1%	0	0.0%
Fondaparinux Containing Products	481	0.0%	343	0.0%	104	0.0%	35	0.0%	0	0.0%
Formoterol Containing Products	15,402	0.2%	5,775	0.1%	5,806	0.1%	3,987	0.1%	0	0.0%
Fosamprenavir Containing Products	*****	*****	*****	*****	*****	*****	*****	*****	0	0.0%
Fosphenytoin Containing Products	62	0.0%	32	0.0%	21	0.0%	*****	*****	0	0.0%
Halobetasol Containing Products	2,026	0.0%	907	0.0%	643	0.0%	489	0.0%	0	0.0%
Hydrochlorothiazide Containing Products	7,419	0.1%	5,141	0.1%	1,086	0.0%	1,229	0.0%	0	0.0%
Hydroxyurea Containing Products	121	0.0%	87	0.0%	17	0.0%	17	0.0%	0	0.0%
Iodide 131 Containing Products	82	0.0%	73	0.0%	*****	*****	*****	*****	0	0.0%

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Exposures of Interest[3]	Use During Any Trimester		Use in First Trimester[1]		Use in Second Trimester[1]		Use in Third Trimester[1,2]		Use in All Trimesters	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
7,121,593 total live birth pregnancies; 7,010,620 pregnancies progressed to the 3rd trimester										
Ioflupane I 123 Containing Products	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Itraconazole Containing Products	132	0.0%	88	0.0%	25	0.0%	19	0.0%	0	0.0%
Lamivudine Containing Products	1,150	0.0%	457	0.0%	510	0.0%	184	0.0%	0	0.0%
Lamotrigine Containing Products	11,658	0.2%	6,263	0.1%	3,321	0.0%	2,147	0.0%	0	0.0%
Lovastatin Containing Products	165	0.0%	125	0.0%	28	0.0%	14	0.0%	0	0.0%
Methadone Containing Products	1,275	0.0%	500	0.0%	497	0.0%	342	0.0%	13	0.0%
Methotrexate Containing Products	295	0.0%	204	0.0%	34	0.0%	59	0.0%	0	0.0%
Metronidazole Containing Products	717,167	10.1%	275,215	3.9%	268,347	3.8%	180,192	2.6%	0	0.0%
Midazolam Containing Products	16,506	0.2%	8,853	0.1%	2,808	0.0%	4,860	0.1%	0	0.0%
Mycophenolate Containing Products	81	0.0%	52	0.0%	21	0.0%	*****	*****	0	0.0%
Naloxone Containing Products	12,283	0.2%	5,220	0.1%	3,686	0.1%	3,476	0.0%	*****	*****
Naltrexone Containing Products	1,347	0.0%	1,127	0.0%	134	0.0%	91	0.0%	0	0.0%
Naratriptan Containing Products	452	0.0%	334	0.0%	69	0.0%	52	0.0%	0	0.0%
Nelfinavir Containing Products	45	0.0%	17	0.0%	21	0.0%	*****	*****	0	0.0%
Nevirapine Containing Products	31	0.0%	12	0.0%	*****	*****	*****	*****	0	0.0%
Olanzapine Containing Products	3,728	0.1%	1,863	0.0%	1,103	0.0%	776	0.0%	0	0.0%
Omalizumab Containing Products	196	0.0%	126	0.0%	48	0.0%	23	0.0%	0	0.0%
Ondansetron Containing Products	1,264,848	17.8%	844,743	11.9%	248,922	3.5%	185,179	2.6%	*****	*****
Oseltamivir Containing Products	166,317	2.3%	47,871	0.7%	64,005	0.9%	54,531	0.8%	0	0.0%
Paliperidone Containing Products	384	0.0%	227	0.0%	88	0.0%	69	0.0%	0	0.0%
Pantoprazole Containing Products	97,133	1.4%	25,638	0.4%	32,651	0.5%	39,120	0.6%	0	0.0%
Pegvaliase Containing Products	*****	*****	*****	*****	*****	*****	0	0.0%	0	0.0%
Phentermine Containing Products	778	0.0%	701	0.0%	46	0.0%	31	0.0%	0	0.0%
Phenytoin Containing Products	433	0.0%	239	0.0%	106	0.0%	91	0.0%	0	0.0%
Pitavastatin Containing Products	*****	*****	*****	*****	*****	*****	*****	*****	0	0.0%
Pomalidomide Containing Products	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Pravastatin Containing Products	413	0.0%	290	0.0%	78	0.0%	47	0.0%	0	0.0%
Prednisolone Containing Products	10,010	0.1%	5,315	0.1%	2,996	0.0%	1,737	0.0%	0	0.0%

Table 2. Live Birth Delivery Pregnancies with Exposures of Interest in the Sentinel Distributed Database from January 1, 2008 to September 30, 2023

Exposures of Interest[3]	Use During Any Trimester		Use in First Trimester[1]		Use in Second Trimester[1]		Use in Third Trimester[1,2]		Use in All Trimesters	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
7,121,593 total live birth pregnancies; 7,010,620 pregnancies progressed to the 3rd trimester										
Prednisone Containing Products	139,555	2.0%	66,395	0.9%	40,133	0.6%	33,814	0.5%	0	0.0%
Progesterone Containing Products	264,321	3.7%	216,605	3.0%	41,222	0.6%	6,646	0.1%	0	0.0%
Quinine Sulfate Containing Products	11	0.0%	*****	*****	*****	*****	*****	*****	0	0.0%
Raltegravir Containing Products	1,243	0.0%	628	0.0%	406	0.0%	211	0.0%	0	0.0%
Ribavirin Containing Products	*****	*****	*****	*****	0	0.0%	0	0.0%	0	0.0%
Rifabutin Containing Products	16	0.0%	14	0.0%	*****	*****	*****	*****	0	0.0%
Rifapentine Containing Products	17	0.0%	15	0.0%	*****	*****	*****	*****	0	0.0%
Rilpivirine Containing Products	516	0.0%	250	0.0%	194	0.0%	74	0.0%	0	0.0%
Risperidone Containing Products	3,156	0.0%	1,825	0.0%	801	0.0%	550	0.0%	0	0.0%
Ritonavir Containing Products	4,993	0.1%	1,406	0.0%	2,003	0.0%	1,597	0.0%	0	0.0%
Rosuvastatin Containing Products	398	0.0%	297	0.0%	48	0.0%	53	0.0%	0	0.0%
Saquinavir Containing Products	15	0.0%	*****	*****	*****	*****	*****	*****	0	0.0%
Sertraline Containing Products	164,277	2.3%	58,697	0.8%	61,919	0.9%	44,520	0.6%	0	0.0%
Stavudine Containing Products	*****	*****	*****	*****	*****	*****	*****	*****	0	0.0%
Sulfamethoxazole Containing Products	102,635	1.4%	54,734	0.8%	31,239	0.4%	16,968	0.2%	0	0.0%
Sumatriptan Containing Products	20,707	0.3%	11,629	0.2%	6,034	0.1%	3,137	0.0%	0	0.0%
Tacrolimus Containing Products	2,172	0.0%	1,200	0.0%	646	0.0%	339	0.0%	0	0.0%
Tafamidis Containing Products	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Tamsulosin Containing Products	8,361	0.1%	1,983	0.0%	3,486	0.0%	2,907	0.0%	0	0.0%
Tazarotene Containing Products	543	0.0%	428	0.0%	63	0.0%	53	0.0%	0	0.0%
Tenofovir Containing Products	4,170	0.1%	1,455	0.0%	1,627	0.0%	1,101	0.0%	0	0.0%
Tetracycline Containing Products	1,216	0.0%	1,119	0.0%	62	0.0%	35	0.0%	0	0.0%
Thalidomide Containing Products	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Tigecycline Containing Products	*****	*****	*****	*****	*****	*****	*****	*****	0	0.0%
Tipranavir Containing Products	*****	*****	0	0.0%	0	0.0%	*****	*****	0	0.0%
Topiramate Containing Products	6,631	0.1%	5,177	0.1%	841	0.0%	648	0.0%	0	0.0%
Tranexamic Acid Containing Products	679	0.0%	404	0.0%	52	0.0%	225	0.0%	0	0.0%
Trimethoprim Containing Products	123,416	1.7%	62,608	0.9%	38,481	0.5%	22,686	0.3%	0	0.0%

Table 2. Live Birth Delivery Pregnancies with Exposures of Interest in the Sentinel Distributed Database from January 1, 2008 to September 30, 2023

Exposures of Interest[3]	Use During Any Trimester		Use in First Trimester[1]		Use in Second Trimester[1]		Use in Third Trimester[1,2]		Use in All Trimesters	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
7,121,593 total live birth pregnancies; 7,010,620 pregnancies progressed to the 3rd trimester										
Ulipristal Containing Products	686	0.0%	544	0.0%	60	0.0%	84	0.0%	0	0.0%
Valacyclovir Containing Products	240,969	3.4%	39,759	0.6%	45,293	0.6%	160,838	2.3%	0	0.0%
Valsartan Containing Products	283	0.0%	216	0.0%	41	0.0%	26	0.0%	0	0.0%
Vancomycin Containing Products	4,760	0.1%	1,289	0.0%	1,268	0.0%	2,213	0.0%	0	0.0%
Varenicline Containing Products	2,563	0.0%	1,953	0.0%	423	0.0%	192	0.0%	0	0.0%
Vortioxetine Containing Products	642	0.0%	488	0.0%	99	0.0%	56	0.0%	0	0.0%
Warfarin Containing Products	369	0.0%	189	0.0%	51	0.0%	130	0.0%	0	0.0%
Zidovudine Containing Products	903	0.0%	326	0.0%	362	0.0%	216	0.0%	0	0.0%

[1] Use in an evaluated trimester is defined as any day of exposure during that trimester, regardless use of other trimesters.

[2] Assessing medical product use in the third trimester requires a pregnancy to continue to the third trimester. The denominator is the total number of pregnancy episodes that progress to the third trimester.

[3] Displayed percentages represent the number of pregnancy episodes with evidence of the exposure of interest as a proportion of all pregnancy episodes.

***** Data are not presented in these cells due to a small sample size or to ensure a small cell cannot be recalculated through the cells presented.

Table 3. Summary of Episode-Level Cohort Attrition in the Sentinel Distributed Database from January 1, 2008 to September 30, 2023

	Live Birth Delivery Pregnancies		
Episode-Level Cohort Attrition[1]	Remaining	Excluded	Excluded (% from preceding requirement)
Members meeting enrollment and demographic requirements			
Enrolled at any point during the query period	486,574,901	N/A	N/A
Had required coverage type (medical and/or drug coverage)	360,001,244	126,573,657	26.0%
Enrolled during specified age range	266,828,056	93,173,188	25.9%
Met demographic requirements (sex, race, and Hispanic origin)	137,299,038	129,529,018	48.5%
Members with a valid index event			
Had a live birth delivery claim during the query period	11,145,017	126,154,021	91.9%
Pregnancy outcomes with a valid index date			
Total number of live birth deliveries during the query period	13,214,749	N/A	N/A
Live birth deliveries within the age range condition assessed at live birth delivery date	12,541,739	673,010	5.1%
Had sufficient continuous enrollment prior to live birth delivery	7,121,593	5,420,146	43.2%
Final cohort			
Number of members	6,077,269	N/A	N/A
Number of live birth delivery pregnancy episodes	7,121,593	N/A	N/A

[1]Cohorts are formed by first evaluating enrollment and demographic requirements as well as index events among members, then evaluating index dates, pre-index history, and post-index follow-up among pregnancy episodes. Because of this, the number remaining often increases from the member- to episode-level steps.

*N/A: Not applicable

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

Masked DP ID	DP Start Date	DP End Date[1]
DP01	01/01/2000	05/31/2023
DP02	01/01/2000	08/31/2022
DP03	01/01/2008	04/30/2023
DP04	01/01/2006	06/30/2023
DP05	01/01/2005	07/31/2022
DP06	01/01/2000	04/30/2023
DP07	01/01/2004	07/31/2023
DP08	01/01/2000	10/31/2022
DP09	01/01/2007	06/30/2023
DP10	01/01/2000	08/31/2022
DP11	01/01/2014	12/31/2020
DP12	01/01/2008	09/30/2023
DP13	01/01/2010	06/30/2023

[1]End 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.

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Live Birth Delivery in this Request

Code	Description	Code Category	Code Type
	Live Birth Delivery		
O80	Encounter for full-term uncomplicated delivery	Diagnosis	ICD-10-CM
Z370	Single live birth	Diagnosis	ICD-10-CM
Z372	Twins, both liveborn	Diagnosis	ICD-10-CM
Z3750	Multiple births, unspecified, all liveborn	Diagnosis	ICD-10-CM
Z3751	Triplets, all liveborn	Diagnosis	ICD-10-CM
Z3752	Quadruplets, all liveborn	Diagnosis	ICD-10-CM
Z3753	Quintuplets, all liveborn	Diagnosis	ICD-10-CM
Z3754	Sextuplets, all liveborn	Diagnosis	ICD-10-CM
Z3759	Other multiple births, all liveborn	Diagnosis	ICD-10-CM
Z3800	Single liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3801	Single liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z381	Single liveborn infant, born outside hospital	Diagnosis	ICD-10-CM
Z382	Single liveborn infant, unspecified as to place of birth	Diagnosis	ICD-10-CM
Z3830	Twin liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3831	Twin liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z384	Twin liveborn infant, born outside hospital	Diagnosis	ICD-10-CM
Z385	Twin liveborn infant, unspecified as to place of birth	Diagnosis	ICD-10-CM
Z3861	Triplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3862	Triplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3863	Quadruplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3864	Quadruplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3865	Quintuplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3866	Quintuplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3868	Other multiple liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3869	Other multiple liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z387	Other multiple liveborn infant, born outside hospital	Diagnosis	ICD-10-CM
Z388	Other multiple liveborn infant, unspecified as to place of birth	Diagnosis	ICD-10-CM
650	Normal delivery	Diagnosis	ICD-9-CM
V270	Outcome of delivery, single liveborn	Diagnosis	ICD-9-CM
V272	Outcome of delivery, twins, both liveborn	Diagnosis	ICD-9-CM
V275	Outcome of delivery, other multiple birth, all liveborn	Diagnosis	ICD-9-CM

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Live Birth Delivery in this Request

Code	Description	Code Category	Code Type
V30	Single liveborn	Diagnosis	ICD-9-CM
V300	Single liveborn, born in hospital	Diagnosis	ICD-9-CM
V3000	Single liveborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3001	Single liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V301	Single liveborn, born before admission to hospital	Diagnosis	ICD-9-CM
V302	Single liveborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
V31	Twin birth, mate liveborn	Diagnosis	ICD-9-CM
V310	Twin, mate liveborn, born in hospital	Diagnosis	ICD-9-CM
V3100	Twin, mate liveborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3101	Twin, mate liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V311	Twin birth, mate liveborn, born before admission to hospital	Diagnosis	ICD-9-CM
V312	Twin birth, mate liveborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
V34	Other multiple birth (three or more), mates all liveborn	Diagnosis	ICD-9-CM
V340	Other multiple, mates all liveborn, born in hospital	Diagnosis	ICD-9-CM
V3400	Other multiple, mates all liveborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3401	Other multiple, mates all liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V341	Other multiple birth (three or more), mates all liveborn, born before admission to hospital	Diagnosis	ICD-9-CM
V342	Other multiple birth (three or more), mates all liveborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
V39	Liveborn, unspecified whether single, twin, or multiple	Diagnosis	ICD-9-CM
V390	Other liveborn, unspecified whether single, twin, or multiple, born in hospital	Diagnosis	ICD-9-CM
V3900	Liveborn infant, unspecified whether single, twin, or multiple, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3901	Liveborn infant, unspecified whether single, twin, or multiple, born in hospital, delivered by cesarean	Diagnosis	ICD-9-CM
V391	Liveborn, unspecified whether single, twin or multiple, born before admission to hospital	Diagnosis	ICD-9-CM
V392	Liveborn, unspecified whether single, twin or multiple, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
		Pregnancy Duration Algorithm					
Z3A49	Greater than 42 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	1	301	MARKER
Z3A42	42 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	2	298	MARKER
O481	Prolonged pregnancy	Diagnosis	ICD-10-CM	1	3	294	MARKER
P0822	Prolonged gestation of newborn	Diagnosis	ICD-10-CM	1	3	294	MARKER
Z3A41	41 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	4	291	MARKER
O480	Post-term pregnancy	Diagnosis	ICD-10-CM	1	5	287	MARKER
P0821	Post-term newborn	Diagnosis	ICD-10-CM	1	5	287	MARKER
Z3A40	40 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	6	284	MARKER
Z3A39	39 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	7	277	MARKER
Z3A38	38 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	8	270	MARKER
Z3A37	37 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	9	263	MARKER
P0739	Preterm newborn, gestational age 36 completed weeks	Diagnosis	ICD-10-CM	1	10	256	MARKER
Z3A36	36 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	10	256	MARKER
P0738	Preterm newborn, gestational age 35 completed weeks	Diagnosis	ICD-10-CM	1	11	249	MARKER
Z3A35	35 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	11	249	MARKER
P0737	Preterm newborn, gestational age 34 completed weeks	Diagnosis	ICD-10-CM	1	12	242	MARKER
Z3A34	34 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	12	242	MARKER
P0736	Preterm newborn, gestational age 33 completed weeks	Diagnosis	ICD-10-CM	1	13	235	MARKER
Z3A33	33 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	13	235	MARKER
P0735	Preterm newborn, gestational age 32 completed weeks	Diagnosis	ICD-10-CM	1	14	228	MARKER
Z3A32	32 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	14	228	MARKER
P0734	Preterm newborn, gestational age 31 completed weeks	Diagnosis	ICD-10-CM	1	15	221	MARKER
Z3A31	31 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	15	221	MARKER
P0733	Preterm newborn, gestational age 30 completed weeks	Diagnosis	ICD-10-CM	1	16	214	MARKER
Z3A30	30 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	16	214	MARKER
P0732	Preterm newborn, gestational age 29 completed weeks	Diagnosis	ICD-10-CM	1	17	207	MARKER
Z3A29	29 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	17	207	MARKER
P0731	Preterm newborn, gestational age 28 completed weeks	Diagnosis	ICD-10-CM	1	18	200	MARKER
Z3A28	28 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	18	200	MARKER
P0726	Extreme immaturity of newborn, gestational age 27 completed weeks	Diagnosis	ICD-10-CM	1	19	193	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
Z3A27	27 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	19	193	MARKER
P0725	Extreme immaturity of newborn, gestational age 26 completed weeks	Diagnosis	ICD-10-CM	1	20	186	MARKER
Z3A26	26 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	20	186	MARKER
P0724	Extreme immaturity of newborn, gestational age 25 completed weeks	Diagnosis	ICD-10-CM	1	21	179	MARKER
Z3A25	25 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	21	179	MARKER
P0723	Extreme immaturity of newborn, gestational age 24 completed weeks	Diagnosis	ICD-10-CM	1	22	172	MARKER
Z3A24	24 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	22	172	MARKER
P0722	Extreme immaturity of newborn, gestational age 23 completed weeks	Diagnosis	ICD-10-CM	1	23	165	MARKER
Z3A23	23 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	23	165	MARKER
P0721	Extreme immaturity of newborn, gestational age less than 23 completed weeks	Diagnosis	ICD-10-CM	1	24	158	MARKER
Z3A22	22 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	24	158	MARKER
Z3A21	21 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	25	151	MARKER
Z3A20	20 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	26	144	MARKER
Z3A19	19 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	27	137	MARKER
Z3A18	18 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	28	130	MARKER
Z3A17	17 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	29	123	MARKER
Z3A16	16 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	30	116	MARKER
Z3A15	15 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	31	109	MARKER
Z3A14	14 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	32	102	MARKER
Z3A13	13 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	33	95	MARKER
Z3A12	12 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	34	88	MARKER
Z3A11	11 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	35	81	MARKER
Z3A10	10 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	36	74	MARKER
Z3A09	9 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	37	67	MARKER
Z3A08	8 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	38	60	MARKER
Z3A01	Less than 8 weeks gestation of pregnancy	Diagnosis	ICD-10-CM	1	39	53	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
P0720	Extreme immaturity of newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM	1	40	196	MARKER
O6013X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	1	41	245	MARKER
O6013X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	1	41	245	MARKER
O6013X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	1	41	245	MARKER
O6013X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	1	41	245	MARKER
O6013X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	1	41	245	MARKER
O6013X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	1	41	245	MARKER
O6013X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	1	41	245	MARKER
O6014X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	1	41	245	MARKER
O6014X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	1	41	245	MARKER
O6014X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	1	41	245	MARKER
O6014X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	1	41	245	MARKER
O6014X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	1	41	245	MARKER
O6014X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	1	41	245	MARKER
O6014X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	1	41	245	MARKER
P0730	Preterm newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM	1	41	245	MARKER

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

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O6012X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	1	42	168	MARKER
O6012X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	1	42	168	MARKER
O6012X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	1	42	168	MARKER
O6012X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	1	42	168	MARKER
O6012X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	1	42	168	MARKER
O6012X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	1	42	168	MARKER
O6012X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	1	42	168	MARKER
64520	Prolonged pregnancy	Diagnosis	ICD-9-CM	1	43	294	MARKER
64521	Prolonged pregnancy	Diagnosis	ICD-9-CM	1	43	294	MARKER
64523	Prolonged pregnancy	Diagnosis	ICD-9-CM	1	43	294	MARKER
76622	Prolonged gestation of infant	Diagnosis	ICD-9-CM	1	43	294	MARKER
64510	Post term pregnancy	Diagnosis	ICD-9-CM	1	44	287	MARKER
64511	Post term pregnancy	Diagnosis	ICD-9-CM	1	44	287	MARKER
64513	Post term pregnancy	Diagnosis	ICD-9-CM	1	44	287	MARKER
76621	Post-term infant	Diagnosis	ICD-9-CM	1	44	287	MARKER
76529	37+ completed weeks of gestation	Diagnosis	ICD-9-CM	1	45	259	MARKER
76528	35-36 completed weeks of gestation	Diagnosis	ICD-9-CM	1	46	252	MARKER
76527	33-34 completed weeks of gestation	Diagnosis	ICD-9-CM	1	47	238	MARKER
76526	31-32 completed weeks of gestation	Diagnosis	ICD-9-CM	1	48	224	MARKER
76525	29-30 completed weeks of gestation	Diagnosis	ICD-9-CM	1	49	210	MARKER
76524	27-28 completed weeks of gestation	Diagnosis	ICD-9-CM	1	50	196	MARKER
76523	25-26 completed weeks of gestation	Diagnosis	ICD-9-CM	1	51	182	MARKER
76522	24 completed weeks of gestation	Diagnosis	ICD-9-CM	1	52	168	MARKER
76521	Less than 24 completed weeks of gestation	Diagnosis	ICD-9-CM	1	53	165	MARKER
76509	Extreme immaturity, 2,500 grams and over	Diagnosis	ICD-9-CM	1	54	245	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
76508	Extreme immaturity, 2,000-2,499 grams	Diagnosis	ICD-9-CM	1	55	238	MARKER
76507	Extreme immaturity, 1,750-1,999 grams	Diagnosis	ICD-9-CM	1	56	224	MARKER
76506	Extreme immaturity, 1,500-1,749 grams	Diagnosis	ICD-9-CM	1	57	217	MARKER
76505	Extreme immaturity, 1,250-1,499 grams	Diagnosis	ICD-9-CM	1	58	210	MARKER
76504	Extreme immaturity, 1,000-1,249 grams	Diagnosis	ICD-9-CM	1	59	203	MARKER
76500	Extreme immaturity, unspecified [weight]	Diagnosis	ICD-9-CM	1	60	196	MARKER
76503	Extreme immaturity, 750-999 grams	Diagnosis	ICD-9-CM	1	61	189	MARKER
76502	Extreme immaturity, 500-749 grams	Diagnosis	ICD-9-CM	1	62	175	MARKER
76501	Extreme immaturity, less than 500 grams	Diagnosis	ICD-9-CM	1	63	154	MARKER
76510	Other preterm infants, unspecified [weight]	Diagnosis	ICD-9-CM	1	64	245	MARKER
76519	Other preterm infants, 2,500 grams and over	Diagnosis	ICD-9-CM	1	64	245	MARKER
76518	Other preterm infants, 2,000-2,499 grams	Diagnosis	ICD-9-CM	1	65	238	MARKER
76517	Other preterm infants, 1,750-1,999 grams	Diagnosis	ICD-9-CM	1	66	224	MARKER
76516	Other preterm infants, 1,500-1,749 grams	Diagnosis	ICD-9-CM	1	67	217	MARKER
76515	Other preterm infants, 1,250-1,499 grams	Diagnosis	ICD-9-CM	1	68	210	MARKER
76514	Other preterm infants, 1,000-1,249 grams	Diagnosis	ICD-9-CM	1	69	203	MARKER
76513	Other preterm infants, 750-999 grams	Diagnosis	ICD-9-CM	1	70	189	MARKER
76512	Other preterm infants, 500-749 grams	Diagnosis	ICD-9-CM	1	71	175	MARKER
76511	Other preterm infants, less than 500 grams	Diagnosis	ICD-9-CM	1	72	154	MARKER
76520	Unspecified weeks of gestation	Diagnosis	ICD-9-CM	1	73	245	MARKER
58321	ARTIFICIAL INSEMINATION; INTRA-CERVICAL	Procedure	CPT-4	2	1	14	MARKER
58322	ARTIFICIAL INSEMINATION	Procedure	CPT-4	2	1	14	MARKER
58974	TRANSFER OF EMBRYO	Procedure	CPT-4	2	1	14	MARKER
58976	Gamete, zygote, or embryo intrafallopian transfer	Procedure	CPT-4	2	1	14	MARKER
S4011	IN VITRO FERTILIZATION;	Procedure	HCPCS	2	1	14	MARKER
S4013	COMPLETE CYCLE GIFT CASE RATE	Procedure	HCPCS	2	1	14	MARKER
S4014	COMPLETE CYCLE ZIFT CASE RATE	Procedure	HCPCS	2	1	14	MARKER
S4015	COMPLETE IVF CYCLE CASE RATE NOS	Procedure	HCPCS	2	1	14	MARKER
S4016	FROZEN IVF CYCLE CASE RATE	Procedure	HCPCS	2	1	14	MARKER
S4035	STIMULATED INTRAUTERINE INSEMINATION (IUI), CASE	Procedure	HCPCS	2	1	14	MARKER
S4037	Cryopreserved embryo transfer, case rate	Procedure	HCPCS	2	1	14	MARKER
76813	Nuchal Translucency Measurement (Single or First	Procedure	CPT-4	2	2	88	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
76814	Nuchal Translucency Measurement (Each Additional Gestation)	Procedure	CPT-4	2	2	88	MARKER
59015	Chorionic villus sampling, any method	Procedure	CPT-4	2	3	84	MARKER
84163	PAPP-A serum test	Procedure	CPT-4	2	4	85	MARKER
87081	Group B streptococcus screening (genital)	Procedure	CPT-4	2	5	252	MARKER
82677	Assay of estriol	Procedure	CPT-4	2	6	119	MARKER
86336	Inhibin A	Procedure	CPT-4	2	7	119	MARKER
81420	Fetal aneuploidy genomic sequence analysis, cell-free fetal DNA	Procedure	CPT-4	2	8	85	MARKER
81507	Fetal aneuploidy (trisomy 21, 18, and 13) DNA sequence analysis of selected regions using maternal plasma algorithm reported as a risk score for each trisomy	Procedure	CPT-4	2	8	85	MARKER
76811	Detailed fetal anatomic examination (single or first	Procedure	CPT-4	2	9	138	MARKER
76812	Detailed fetal anatomic examination (Each additional Gestation)	Procedure	CPT-4	2	9	138	MARKER
82106	Alpha-fetoprotein, amniotic	Procedure	CPT-4	2	10	120	MARKER
82950	Glucose; post glucose dose (includes glucose)	Procedure	CPT-4	2	11	190	MARKER
82951	Glucose; tolerance test (GTT), 3 specimens (includes glucose)	Procedure	CPT-4	2	11	190	MARKER
82952	Glucose tolerance test, additional beyond 3 specimens	Procedure	CPT-4	2	11	190	MARKER
76805	Complete Ultrasounds (Maternal and Fetal Evaluation); Second and Third Trimesters (Single or First Gestation)	Procedure	CPT-4	2	12	140	MARKER
76810	Complete Ultrasounds (Maternal and Fetal Evaluation); Second and Third Trimesters (Each Additional Gestation)	Procedure	CPT-4	2	12	140	MARKER
76801	Ultrasound, pregnant uterus, real time with image documentation, fetal and maternal evaluation, first trimester (< 14 weeks 0 days), transabdominal approach; single or first gestation	Procedure	CPT-4	2	13	97	MARKER
76802	Ultrasound, pregnant uterus, real time with image documentation, fetal and maternal evaluation, first trimester (< 14 weeks 0 days), transabdominal approach; each additional gestation	Procedure	CPT-4	2	13	97	MARKER

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Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O6020X0	Term delivery with preterm labor, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	3	1	273	OUTCOME
O6020X1	Term delivery with preterm labor, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	3	2	273	OUTCOME
O6020X2	Term delivery with preterm labor, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	3	3	273	OUTCOME
O6020X3	Term delivery with preterm labor, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	3	4	273	OUTCOME
O6020X4	Term delivery with preterm labor, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	3	5	273	OUTCOME
O6020X5	Term delivery with preterm labor, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	3	6	273	OUTCOME
O6020X9	Term delivery with preterm labor, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	3	7	273	OUTCOME
O6022X0	Term delivery with preterm labor, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	3	8	273	OUTCOME
O6022X1	Term delivery with preterm labor, second trimester, fetus 1	Diagnosis	ICD-10-CM	3	9	273	OUTCOME
O6022X2	Term delivery with preterm labor, second trimester, fetus 2	Diagnosis	ICD-10-CM	3	10	273	OUTCOME
O6022X3	Term delivery with preterm labor, second trimester, fetus 3	Diagnosis	ICD-10-CM	3	11	273	OUTCOME
O6022X4	Term delivery with preterm labor, second trimester, fetus 4	Diagnosis	ICD-10-CM	3	12	273	OUTCOME
O6022X5	Term delivery with preterm labor, second trimester, fetus 5	Diagnosis	ICD-10-CM	3	13	273	OUTCOME
O6022X9	Term delivery with preterm labor, second trimester, other fetus	Diagnosis	ICD-10-CM	3	14	273	OUTCOME
O6023X0	Term delivery with preterm labor, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	3	15	273	OUTCOME
O6023X1	Term delivery with preterm labor, third trimester, fetus 1	Diagnosis	ICD-10-CM	3	16	273	OUTCOME
O6023X2	Term delivery with preterm labor, third trimester, fetus 2	Diagnosis	ICD-10-CM	3	17	273	OUTCOME
O6023X3	Term delivery with preterm labor, third trimester, fetus 3	Diagnosis	ICD-10-CM	3	18	273	OUTCOME
O6023X4	Term delivery with preterm labor, third trimester, fetus 4	Diagnosis	ICD-10-CM	3	19	273	OUTCOME
O6023X5	Term delivery with preterm labor, third trimester, fetus 5	Diagnosis	ICD-10-CM	3	20	273	OUTCOME
O6023X9	Term delivery with preterm labor, third trimester, other	Diagnosis	ICD-10-CM	3	21	273	OUTCOME

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Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O4202	Full-term premature rupture of membranes, onset of labor within 24 hours of rupture	Diagnosis	ICD-10-CM	3	22	273	OUTCOME
O4212	Full-term premature rupture of membranes, onset of labor more than 24 hours following rupture	Diagnosis	ICD-10-CM	3	23	273	OUTCOME
O4292	Full-term premature rupture of membranes, unspecified as to length of time between rupture and onset of labor	Diagnosis	ICD-10-CM	3	24	273	OUTCOME
O471	False labor at or after 37 completed weeks of gestation	Diagnosis	ICD-10-CM	3	25	273	OUTCOME
O80	Encounter for full-term uncomplicated delivery	Diagnosis	ICD-10-CM	3	26	273	OUTCOME
O7582	Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section	Diagnosis	ICD-10-CM	3	27	273	OUTCOME
O42013	Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, third trimester	Diagnosis	ICD-10-CM	4	1	241	MARKER
O42113	Preterm premature rupture of membranes, onset of labor more than 24 hours following rupture, third trimester	Diagnosis	ICD-10-CM	4	2	241	MARKER
O42913	Preterm premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, third trimester	Diagnosis	ICD-10-CM	4	3	241	MARKER
O0903	Supervision of pregnancy with history of infertility, third trimester	Diagnosis	ICD-10-CM	4	4	241	MARKER
O0913	Supervision of pregnancy with history of ectopic pregnancy, third trimester	Diagnosis	ICD-10-CM	4	5	241	MARKER
O09213	Supervision of pregnancy with history of pre-term labor, third trimester	Diagnosis	ICD-10-CM	4	6	241	MARKER
O09293	Supervision of pregnancy with other poor reproductive or obstetric history, third trimester	Diagnosis	ICD-10-CM	4	7	241	MARKER
O0933	Supervision of pregnancy with insufficient antenatal care, third trimester	Diagnosis	ICD-10-CM	4	8	241	MARKER
O0943	Supervision of pregnancy with grand multiparity, third trimester	Diagnosis	ICD-10-CM	4	9	241	MARKER
O09513	Supervision of elderly primigravida, third trimester	Diagnosis	ICD-10-CM	4	10	241	MARKER
O09523	Supervision of elderly multigravida, third trimester	Diagnosis	ICD-10-CM	4	11	241	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O09613	Supervision of young primigravida, third trimester	Diagnosis	ICD-10-CM	4	12	241	MARKER
O09623	Supervision of young multigravida, third trimester	Diagnosis	ICD-10-CM	4	13	241	MARKER
O0973	Supervision of high risk pregnancy due to social problems, third trimester	Diagnosis	ICD-10-CM	4	14	241	MARKER
O09813	Supervision of pregnancy resulting from assisted reproductive technology, third trimester	Diagnosis	ICD-10-CM	4	15	241	MARKER
O09823	Supervision of pregnancy with history of in utero procedure during previous pregnancy, third trimester	Diagnosis	ICD-10-CM	4	16	241	MARKER
O09893	Supervision of other high risk pregnancies, third trimester	Diagnosis	ICD-10-CM	4	17	241	MARKER
O0993	Supervision of high risk pregnancy, unspecified, third trimester	Diagnosis	ICD-10-CM	4	18	241	MARKER
O09A3	Supervision of pregnancy with history of molar pregnancy, third trimester	Diagnosis	ICD-10-CM	4	19	241	MARKER
O10013	Pre-existing essential hypertension complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	20	241	MARKER
O10113	Pre-existing hypertensive heart disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	21	241	MARKER
O10213	Pre-existing hypertensive chronic kidney disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	22	241	MARKER
O10313	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	23	241	MARKER
O10413	Pre-existing secondary hypertension complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	24	241	MARKER
O10913	Unspecified pre-existing hypertension complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	25	241	MARKER
O113	Pre-existing hypertension with pre-eclampsia, third	Diagnosis	ICD-10-CM	4	26	241	MARKER
O1203	Gestational edema, third trimester	Diagnosis	ICD-10-CM	4	27	241	MARKER
O1213	Gestational proteinuria, third trimester	Diagnosis	ICD-10-CM	4	28	241	MARKER
O1223	Gestational edema with proteinuria, third trimester	Diagnosis	ICD-10-CM	4	29	241	MARKER
O133	Gestational [pregnancy-induced] hypertension without significant proteinuria, third trimester	Diagnosis	ICD-10-CM	4	30	241	MARKER
O1403	Mild to moderate pre-eclampsia, third trimester	Diagnosis	ICD-10-CM	4	31	241	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O1413	Severe pre-eclampsia, third trimester	Diagnosis	ICD-10-CM	4	32	241	MARKER
O1423	HELLP syndrome (HELLP), third trimester	Diagnosis	ICD-10-CM	4	33	241	MARKER
O1493	Unspecified pre-eclampsia, third trimester	Diagnosis	ICD-10-CM	4	34	241	MARKER
O1503	Eclampsia complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	35	241	MARKER
O163	Unspecified maternal hypertension, third trimester	Diagnosis	ICD-10-CM	4	36	241	MARKER
O2203	Varicose veins of lower extremity in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	37	241	MARKER
O2213	Genital varices in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	38	241	MARKER
O2223	Superficial thrombophlebitis in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	39	241	MARKER
O2233	Deep phlebothrombosis in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	40	241	MARKER
O2243	Hemorrhoids in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	41	241	MARKER
O2253	Cerebral venous thrombosis in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	42	241	MARKER
O228X3	Other venous complications in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	43	241	MARKER
O2293	Venous complication in pregnancy, unspecified, third trimester	Diagnosis	ICD-10-CM	4	44	241	MARKER
O2303	Infections of kidney in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	45	241	MARKER
O2313	Infections of bladder in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	46	241	MARKER
O2323	Infections of urethra in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	47	241	MARKER
O2333	Infections of other parts of urinary tract in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	48	241	MARKER
O2343	Unspecified infection of urinary tract in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	49	241	MARKER
O23513	Infections of cervix in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	50	241	MARKER
O23523	Salpingo-oophoritis in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	51	241	MARKER
O23593	Infection of other part of genital tract in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	52	241	MARKER
O2393	Unspecified genitourinary tract infection in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	53	241	MARKER
O24013	Pre-existing type 1 diabetes mellitus, in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	54	241	MARKER
O24113	Pre-existing type 2 diabetes mellitus, in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	55	241	MARKER

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Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O24313	Unspecified pre-existing diabetes mellitus in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	56	241	MARKER
O24813	Other pre-existing diabetes mellitus in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	57	241	MARKER
O24913	Unspecified diabetes mellitus in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	58	241	MARKER
O2513	Malnutrition in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	59	241	MARKER
O2603	Excessive weight gain in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	60	241	MARKER
O2613	Low weight gain in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	61	241	MARKER
O2623	Pregnancy care for patient with recurrent pregnancy loss, third trimester	Diagnosis	ICD-10-CM	4	62	241	MARKER
O2633	Retained intrauterine contraceptive device in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	63	241	MARKER
O2643	Herpes gestationis, third trimester	Diagnosis	ICD-10-CM	4	64	241	MARKER
O2653	Maternal hypotension syndrome, third trimester	Diagnosis	ICD-10-CM	4	65	241	MARKER
O26613	Liver and biliary tract disorders in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	66	241	MARKER
O26713	Subluxation of symphysis (pubis) in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	67	241	MARKER
O26813	Pregnancy related exhaustion and fatigue, third trimester	Diagnosis	ICD-10-CM	4	68	241	MARKER
O26823	Pregnancy related peripheral neuritis, third trimester	Diagnosis	ICD-10-CM	4	69	241	MARKER
O26833	Pregnancy related renal disease, third trimester	Diagnosis	ICD-10-CM	4	70	241	MARKER
O26843	Uterine size-date discrepancy, third trimester	Diagnosis	ICD-10-CM	4	71	241	MARKER
O26853	Spotting complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	72	241	MARKER
O26873	Cervical shortening, third trimester	Diagnosis	ICD-10-CM	4	73	241	MARKER
O26893	Other specified pregnancy related conditions, third trimester	Diagnosis	ICD-10-CM	4	74	241	MARKER
O2693	Pregnancy related conditions, unspecified, third trimester	Diagnosis	ICD-10-CM	4	75	241	MARKER
O29013	Aspiration pneumonitis due to anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM	4	76	241	MARKER
O29023	Pressure collapse of lung due to anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM	4	77	241	MARKER
O29093	Other pulmonary complications of anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM	4	78	241	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O29113	Cardiac arrest due to anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM	4	79	241	MARKER
O29123	Cardiac failure due to anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM	4	80	241	MARKER
O29193	Other cardiac complications of anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM	4	81	241	MARKER
O29213	Cerebral anoxia due to anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM	4	82	241	MARKER
O29293	Other central nervous system complications of anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM	4	83	241	MARKER
O293X3	Toxic reaction to local anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM	4	84	241	MARKER
O2943	Spinal and epidural anesthesia induced headache during pregnancy, third trimester	Diagnosis	ICD-10-CM	4	85	241	MARKER
O295X3	Other complications of spinal and epidural anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM	4	86	241	MARKER
O2963	Failed or difficult intubation for anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM	4	87	241	MARKER
O298X3	Other complications of anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM	4	88	241	MARKER
O2993	Unspecified complication of anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM	4	89	241	MARKER
O30003	Twin pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM	4	90	241	MARKER
O30013	Twin pregnancy, monochorionic/monoamniotic, third trimester	Diagnosis	ICD-10-CM	4	91	241	MARKER
O30023	Conjoined twin pregnancy, third trimester	Diagnosis	ICD-10-CM	4	92	241	MARKER
O30033	Twin pregnancy, monochorionic/diamniotic, third trimester	Diagnosis	ICD-10-CM	4	93	241	MARKER
O30043	Twin pregnancy, dichorionic/diamniotic, third trimester	Diagnosis	ICD-10-CM	4	94	241	MARKER
O30093	Twin pregnancy, unable to determine number of placenta and number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM	4	95	241	MARKER

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Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O30103	Triplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM	4	96	241	MARKER
O30113	Triplet pregnancy with two or more monochorionic fetuses, third trimester	Diagnosis	ICD-10-CM	4	97	241	MARKER
O30123	Triplet pregnancy with two or more monoamniotic fetuses, third trimester	Diagnosis	ICD-10-CM	4	98	241	MARKER
O30133	Triplet pregnancy, trichorionic/triamniotic, third trimester	Diagnosis	ICD-10-CM	4	99	241	MARKER
O30193	Triplet pregnancy, unable to determine number of placenta and number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM	4	100	241	MARKER
O30203	Quadruplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM	4	101	241	MARKER
O30213	Quadruplet pregnancy with two or more monochorionic fetuses, third trimester	Diagnosis	ICD-10-CM	4	102	241	MARKER
O30223	Quadruplet pregnancy with two or more monoamniotic fetuses, third trimester	Diagnosis	ICD-10-CM	4	103	241	MARKER
O30233	Quadruplet pregnancy, quadrachorionic/quadra-amniotic, third trimester	Diagnosis	ICD-10-CM	4	104	241	MARKER
O30293	Quadruplet pregnancy, unable to determine number of placenta and number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM	4	105	241	MARKER
O30803	Other specified multiple gestation, unspecified number of placenta and unspecified number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM	4	106	241	MARKER
O30813	Other specified multiple gestation with two or more monochorionic fetuses, third trimester	Diagnosis	ICD-10-CM	4	107	241	MARKER
O30823	Other specified multiple gestation with two or more monoamniotic fetuses, third trimester	Diagnosis	ICD-10-CM	4	108	241	MARKER
O30833	Other specified multiple gestation, number of chorions and amnions are both equal to the number of fetuses, third trimester	Diagnosis	ICD-10-CM	4	109	241	MARKER
O30893	Other specified multiple gestation, unable to determine number of placenta and number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM	4	110	241	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O3093	Multiple gestation, unspecified, third trimester	Diagnosis	ICD-10-CM	4	111	241	MARKER
O3103X0	Papyraceous fetus, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	112	241	MARKER
O3103X1	Papyraceous fetus, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	113	241	MARKER
O3103X2	Papyraceous fetus, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	114	241	MARKER
O3103X3	Papyraceous fetus, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	115	241	MARKER
O3103X4	Papyraceous fetus, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	116	241	MARKER
O3103X5	Papyraceous fetus, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	117	241	MARKER
O3103X9	Papyraceous fetus, third trimester, other fetus	Diagnosis	ICD-10-CM	4	118	241	MARKER
O3113X0	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	119	241	MARKER
O3113X1	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	120	241	MARKER
O3113X2	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	121	241	MARKER
O3113X3	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	122	241	MARKER
O3113X4	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	123	241	MARKER
O3113X5	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	124	241	MARKER
O3113X9	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, other fetus	Diagnosis	ICD-10-CM	4	125	241	MARKER
O3123X0	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	126	241	MARKER
O3123X1	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	127	241	MARKER
O3123X2	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	128	241	MARKER
O3123X3	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	129	241	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O3123X4	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	130	241	MARKER
O3123X5	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	131	241	MARKER
O3123X9	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, other fetus	Diagnosis	ICD-10-CM	4	132	241	MARKER
O3133X0	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	133	241	MARKER
O3133X1	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	134	241	MARKER
O3133X2	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	135	241	MARKER
O3133X3	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	136	241	MARKER
O3133X4	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	137	241	MARKER
O3133X5	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	138	241	MARKER
O3133X9	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, other fetus	Diagnosis	ICD-10-CM	4	139	241	MARKER
O318X30	Other complications specific to multiple gestation, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	140	241	MARKER
O318X31	Other complications specific to multiple gestation, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	141	241	MARKER
O318X32	Other complications specific to multiple gestation, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	142	241	MARKER
O318X33	Other complications specific to multiple gestation, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	143	241	MARKER
O318X34	Other complications specific to multiple gestation, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	144	241	MARKER
O318X35	Other complications specific to multiple gestation, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	145	241	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O318X39	Other complications specific to multiple gestation, third trimester, other fetus	Diagnosis	ICD-10-CM	4	146	241	MARKER
O3403	Maternal care for unspecified congenital malformation of uterus, third trimester	Diagnosis	ICD-10-CM	4	147	241	MARKER
O3413	Maternal care for benign tumor of corpus uteri, third trimester	Diagnosis	ICD-10-CM	4	148	241	MARKER
O3433	Maternal care for cervical incompetence, third trimester	Diagnosis	ICD-10-CM	4	149	241	MARKER
O3443	Maternal care for other abnormalities of cervix, third trimester	Diagnosis	ICD-10-CM	4	150	241	MARKER
O34513	Maternal care for incarceration of gravid uterus, third trimester	Diagnosis	ICD-10-CM	4	151	241	MARKER
O34523	Maternal care for prolapse of gravid uterus, third trimester	Diagnosis	ICD-10-CM	4	152	241	MARKER
O34533	Maternal care for retroversion of gravid uterus, third trimester	Diagnosis	ICD-10-CM	4	153	241	MARKER
O34593	Maternal care for other abnormalities of gravid uterus, third trimester	Diagnosis	ICD-10-CM	4	154	241	MARKER
O3463	Maternal care for abnormality of vagina, third trimester	Diagnosis	ICD-10-CM	4	155	241	MARKER
O3473	Maternal care for abnormality of vulva and perineum, third trimester	Diagnosis	ICD-10-CM	4	156	241	MARKER
O3483	Maternal care for other abnormalities of pelvic organs, third trimester	Diagnosis	ICD-10-CM	4	157	241	MARKER
O3493	Maternal care for abnormality of pelvic organ, unspecified, third trimester	Diagnosis	ICD-10-CM	4	158	241	MARKER
O360130	Maternal care for anti-D [Rh] antibodies, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	159	241	MARKER
O360131	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	160	241	MARKER
O360132	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	161	241	MARKER
O360133	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	162	241	MARKER

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

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O360134	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	163	241	MARKER
O360135	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	164	241	MARKER
O360139	Maternal care for anti-D [Rh] antibodies, third trimester, other fetus	Diagnosis	ICD-10-CM	4	165	241	MARKER
O360930	Maternal care for other rhesus isoimmunization, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	166	241	MARKER
O360931	Maternal care for other rhesus isoimmunization, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	167	241	MARKER
O360932	Maternal care for other rhesus isoimmunization, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	168	241	MARKER
O360933	Maternal care for other rhesus isoimmunization, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	169	241	MARKER
O360934	Maternal care for other rhesus isoimmunization, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	170	241	MARKER
O360935	Maternal care for other rhesus isoimmunization, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	171	241	MARKER
O360939	Maternal care for other rhesus isoimmunization, third trimester, other fetus	Diagnosis	ICD-10-CM	4	172	241	MARKER
O361130	Maternal care for Anti-A sensitization, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	173	241	MARKER
O361131	Maternal care for Anti-A sensitization, third trimester, fetus	Diagnosis	ICD-10-CM	4	174	241	MARKER
O361132	Maternal care for Anti-A sensitization, third trimester, fetus	Diagnosis	ICD-10-CM	4	175	241	MARKER
O361133	Maternal care for Anti-A sensitization, third trimester, fetus	Diagnosis	ICD-10-CM	4	176	241	MARKER
O361134	Maternal care for Anti-A sensitization, third trimester, fetus	Diagnosis	ICD-10-CM	4	177	241	MARKER
O361135	Maternal care for Anti-A sensitization, third trimester, fetus	Diagnosis	ICD-10-CM	4	178	241	MARKER
O361139	Maternal care for Anti-A sensitization, third trimester, other fetus	Diagnosis	ICD-10-CM	4	179	241	MARKER
O361930	Maternal care for other isoimmunization, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	180	241	MARKER

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

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O361931	Maternal care for other isoimmunization, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	181	241	MARKER
O361932	Maternal care for other isoimmunization, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	182	241	MARKER
O361933	Maternal care for other isoimmunization, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	183	241	MARKER
O361934	Maternal care for other isoimmunization, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	184	241	MARKER
O361935	Maternal care for other isoimmunization, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	185	241	MARKER
O361939	Maternal care for other isoimmunization, third trimester, other fetus	Diagnosis	ICD-10-CM	4	186	241	MARKER
O3623X0	Maternal care for hydrops fetalis, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	187	241	MARKER
O3623X1	Maternal care for hydrops fetalis, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	188	241	MARKER
O3623X2	Maternal care for hydrops fetalis, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	189	241	MARKER
O3623X3	Maternal care for hydrops fetalis, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	190	241	MARKER
O3623X4	Maternal care for hydrops fetalis, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	191	241	MARKER
O3623X5	Maternal care for hydrops fetalis, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	192	241	MARKER
O3623X9	Maternal care for hydrops fetalis, third trimester, other	Diagnosis	ICD-10-CM	4	193	241	MARKER
O365130	Maternal care for known or suspected placental insufficiency, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	194	241	MARKER
O365131	Maternal care for known or suspected placental insufficiency, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	195	241	MARKER
O365132	Maternal care for known or suspected placental insufficiency, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	196	241	MARKER
O365133	Maternal care for known or suspected placental insufficiency, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	197	241	MARKER
O365134	Maternal care for known or suspected placental insufficiency, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	198	241	MARKER
O365135	Maternal care for known or suspected placental insufficiency, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	199	241	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O365139	Maternal care for known or suspected placental insufficiency, third trimester, other fetus	Diagnosis	ICD-10-CM	4	200	241	MARKER
O365930	Maternal care for other known or suspected poor fetal growth, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	201	241	MARKER
O365931	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	202	241	MARKER
O365932	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	203	241	MARKER
O365933	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	204	241	MARKER
O365934	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	205	241	MARKER
O365935	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	206	241	MARKER
O365939	Maternal care for other known or suspected poor fetal growth, third trimester, other fetus	Diagnosis	ICD-10-CM	4	207	241	MARKER
O3663X0	Maternal care for excessive fetal growth, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	208	241	MARKER
O3663X1	Maternal care for excessive fetal growth, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	209	241	MARKER
O3663X2	Maternal care for excessive fetal growth, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	210	241	MARKER
O3663X3	Maternal care for excessive fetal growth, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	211	241	MARKER
O3663X4	Maternal care for excessive fetal growth, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	212	241	MARKER
O3663X5	Maternal care for excessive fetal growth, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	213	241	MARKER
O3663X9	Maternal care for excessive fetal growth, third trimester, other fetus	Diagnosis	ICD-10-CM	4	214	241	MARKER
O3673X0	Maternal care for viable fetus in abdominal pregnancy, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	215	241	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O3673X1	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	216	241	MARKER
O3673X2	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	217	241	MARKER
O3673X3	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	218	241	MARKER
O3673X4	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	219	241	MARKER
O3673X5	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	220	241	MARKER
O3673X9	Maternal care for viable fetus in abdominal pregnancy, third trimester, other fetus	Diagnosis	ICD-10-CM	4	221	241	MARKER
O368130	Decreased fetal movements, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	222	241	MARKER
O368131	Decreased fetal movements, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	223	241	MARKER
O368132	Decreased fetal movements, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	224	241	MARKER
O368133	Decreased fetal movements, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	225	241	MARKER
O368134	Decreased fetal movements, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	226	241	MARKER
O368135	Decreased fetal movements, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	227	241	MARKER
O368139	Decreased fetal movements, third trimester, other fetus	Diagnosis	ICD-10-CM	4	228	241	MARKER
O368230	Fetal anemia and thrombocytopenia, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	229	241	MARKER
O368231	Fetal anemia and thrombocytopenia, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	230	241	MARKER
O368232	Fetal anemia and thrombocytopenia, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	231	241	MARKER
O368233	Fetal anemia and thrombocytopenia, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	232	241	MARKER
O368234	Fetal anemia and thrombocytopenia, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	233	241	MARKER
O368235	Fetal anemia and thrombocytopenia, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	234	241	MARKER
O368239	Fetal anemia and thrombocytopenia, third trimester, other fetus	Diagnosis	ICD-10-CM	4	235	241	MARKER
O368330	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	236	241	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O368331	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	237	241	MARKER
O368332	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	238	241	MARKER
O368333	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	239	241	MARKER
O368334	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	240	241	MARKER
O368335	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	241	241	MARKER
O368339	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, other fetus	Diagnosis	ICD-10-CM	4	242	241	MARKER
O368930	Maternal care for other specified fetal problems, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	243	241	MARKER
O368931	Maternal care for other specified fetal problems, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	244	241	MARKER
O368932	Maternal care for other specified fetal problems, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	245	241	MARKER
O368933	Maternal care for other specified fetal problems, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	246	241	MARKER
O368934	Maternal care for other specified fetal problems, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	247	241	MARKER
O368935	Maternal care for other specified fetal problems, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	248	241	MARKER
O368939	Maternal care for other specified fetal problems, third trimester, other fetus	Diagnosis	ICD-10-CM	4	249	241	MARKER
O3693X0	Maternal care for fetal problem, unspecified, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	250	241	MARKER
O3693X1	Maternal care for fetal problem, unspecified, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	251	241	MARKER
O3693X2	Maternal care for fetal problem, unspecified, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	252	241	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O3693X3	Maternal care for fetal problem, unspecified, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	253	241	MARKER
O3693X4	Maternal care for fetal problem, unspecified, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	254	241	MARKER
O3693X5	Maternal care for fetal problem, unspecified, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	255	241	MARKER
O3693X9	Maternal care for fetal problem, unspecified, third trimester, other fetus	Diagnosis	ICD-10-CM	4	256	241	MARKER
O403XX0	Polyhydramnios, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	257	241	MARKER
O403XX1	Polyhydramnios, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	258	241	MARKER
O403XX2	Polyhydramnios, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	259	241	MARKER
O403XX3	Polyhydramnios, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	260	241	MARKER
O403XX4	Polyhydramnios, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	261	241	MARKER
O403XX5	Polyhydramnios, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	262	241	MARKER
O403XX9	Polyhydramnios, third trimester, other fetus	Diagnosis	ICD-10-CM	4	263	241	MARKER
O4103X0	Oligohydramnios, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	264	241	MARKER
O4103X1	Oligohydramnios, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	265	241	MARKER
O4103X2	Oligohydramnios, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	266	241	MARKER
O4103X3	Oligohydramnios, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	267	241	MARKER
O4103X4	Oligohydramnios, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	268	241	MARKER
O4103X5	Oligohydramnios, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	269	241	MARKER
O4103X9	Oligohydramnios, third trimester, other fetus	Diagnosis	ICD-10-CM	4	270	241	MARKER
O411030	Infection of amniotic sac and membranes, unspecified, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	271	241	MARKER
O411031	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	272	241	MARKER
O411032	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	273	241	MARKER
O411033	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	274	241	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O411034	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	275	241	MARKER
O411035	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	276	241	MARKER
O411039	Infection of amniotic sac and membranes, unspecified, third trimester, other fetus	Diagnosis	ICD-10-CM	4	277	241	MARKER
O411230	Chorioamnionitis, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	278	241	MARKER
O411231	Chorioamnionitis, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	279	241	MARKER
O411232	Chorioamnionitis, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	280	241	MARKER
O411233	Chorioamnionitis, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	281	241	MARKER
O411234	Chorioamnionitis, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	282	241	MARKER
O411235	Chorioamnionitis, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	283	241	MARKER
O411239	Chorioamnionitis, third trimester, other fetus	Diagnosis	ICD-10-CM	4	284	241	MARKER
O411430	Placentitis, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	285	241	MARKER
O411431	Placentitis, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	286	241	MARKER
O411432	Placentitis, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	287	241	MARKER
O411433	Placentitis, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	288	241	MARKER
O411434	Placentitis, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	289	241	MARKER
O411435	Placentitis, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	290	241	MARKER
O411439	Placentitis, third trimester, other fetus	Diagnosis	ICD-10-CM	4	291	241	MARKER
O418X30	Other specified disorders of amniotic fluid and membranes, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	292	241	MARKER
O418X31	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	293	241	MARKER
O418X32	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	294	241	MARKER
O418X33	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	295	241	MARKER
O418X34	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	296	241	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O418X35	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	297	241	MARKER
O418X39	Other specified disorders of amniotic fluid and membranes, third trimester, other fetus	Diagnosis	ICD-10-CM	4	298	241	MARKER
O4193X0	Disorder of amniotic fluid and membranes, unspecified, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	4	299	241	MARKER
O4193X1	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 1	Diagnosis	ICD-10-CM	4	300	241	MARKER
O4193X2	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 2	Diagnosis	ICD-10-CM	4	301	241	MARKER
O4193X3	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 3	Diagnosis	ICD-10-CM	4	302	241	MARKER
O4193X4	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 4	Diagnosis	ICD-10-CM	4	303	241	MARKER
O4193X5	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 5	Diagnosis	ICD-10-CM	4	304	241	MARKER
O4193X9	Disorder of amniotic fluid and membranes, unspecified, third trimester, other fetus	Diagnosis	ICD-10-CM	4	305	241	MARKER
O43013	Fetomaternal placental transfusion syndrome, third	Diagnosis	ICD-10-CM	4	306	241	MARKER
O43023	Fetus-to-fetus placental transfusion syndrome, third trimester	Diagnosis	ICD-10-CM	4	307	241	MARKER
O43103	Malformation of placenta, unspecified, third trimester	Diagnosis	ICD-10-CM	4	308	241	MARKER
O43113	Circumvallate placenta, third trimester	Diagnosis	ICD-10-CM	4	309	241	MARKER
O43123	Velamentous insertion of umbilical cord, third trimester	Diagnosis	ICD-10-CM	4	310	241	MARKER
O43193	Other malformation of placenta, third trimester	Diagnosis	ICD-10-CM	4	311	241	MARKER
O43213	Placenta accreta, third trimester	Diagnosis	ICD-10-CM	4	312	241	MARKER
O43223	Placenta increta, third trimester	Diagnosis	ICD-10-CM	4	313	241	MARKER
O43233	Placenta percreta, third trimester	Diagnosis	ICD-10-CM	4	314	241	MARKER
O43813	Placental infarction, third trimester	Diagnosis	ICD-10-CM	4	315	241	MARKER
O43893	Other placental disorders, third trimester	Diagnosis	ICD-10-CM	4	316	241	MARKER
O4393	Unspecified placental disorder, third trimester	Diagnosis	ICD-10-CM	4	317	241	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O4403	Complete placenta previa NOS or without hemorrhage, third trimester	Diagnosis	ICD-10-CM	4	318	241	MARKER
O4413	Complete placenta previa with hemorrhage, third trimester	Diagnosis	ICD-10-CM	4	319	241	MARKER
O4423	Partial placenta previa NOS or without hemorrhage, third trimester	Diagnosis	ICD-10-CM	4	320	241	MARKER
O4433	Partial placenta previa with hemorrhage, third trimester	Diagnosis	ICD-10-CM	4	321	241	MARKER
O4443	Low lying placenta NOS or without hemorrhage, third trimester	Diagnosis	ICD-10-CM	4	322	241	MARKER
O4453	Low lying placenta with hemorrhage, third trimester	Diagnosis	ICD-10-CM	4	323	241	MARKER
O45003	Premature separation of placenta with coagulation defect, unspecified, third trimester	Diagnosis	ICD-10-CM	4	324	241	MARKER
O45013	Premature separation of placenta with afibrinogenemia, third trimester	Diagnosis	ICD-10-CM	4	325	241	MARKER
O45023	Premature separation of placenta with disseminated intravascular coagulation, third trimester	Diagnosis	ICD-10-CM	4	326	241	MARKER
O45093	Premature separation of placenta with other coagulation defect, third trimester	Diagnosis	ICD-10-CM	4	327	241	MARKER
O458X3	Other premature separation of placenta, third trimester	Diagnosis	ICD-10-CM	4	328	241	MARKER
O4593	Premature separation of placenta, unspecified, third trimester	Diagnosis	ICD-10-CM	4	329	241	MARKER
O46003	Antepartum hemorrhage with coagulation defect, unspecified, third trimester	Diagnosis	ICD-10-CM	4	330	241	MARKER
O46013	Antepartum hemorrhage with afibrinogenemia, third trimester	Diagnosis	ICD-10-CM	4	331	241	MARKER
O46023	Antepartum hemorrhage with disseminated intravascular coagulation, third trimester	Diagnosis	ICD-10-CM	4	332	241	MARKER
O46093	Antepartum hemorrhage with other coagulation defect, third trimester	Diagnosis	ICD-10-CM	4	333	241	MARKER
O468X3	Other antepartum hemorrhage, third trimester	Diagnosis	ICD-10-CM	4	334	241	MARKER
O4693	Antepartum hemorrhage, unspecified, third trimester	Diagnosis	ICD-10-CM	4	335	241	MARKER
O4703	False labor before 37 completed weeks of gestation, third trimester	Diagnosis	ICD-10-CM	4	336	241	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O6003	Preterm labor without delivery, third trimester	Diagnosis	ICD-10-CM	4	337	241	MARKER
O7103	Rupture of uterus before onset of labor, third trimester	Diagnosis	ICD-10-CM	4	338	241	MARKER
O88013	Air embolism in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	339	241	MARKER
O88113	Amniotic fluid embolism in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	340	241	MARKER
O88213	Thromboembolism in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	341	241	MARKER
O88313	Pyemic and septic embolism in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	342	241	MARKER
O88813	Other embolism in pregnancy, third trimester	Diagnosis	ICD-10-CM	4	343	241	MARKER
O91013	Infection of nipple associated with pregnancy, third	Diagnosis	ICD-10-CM	4	344	241	MARKER
O91113	Abscess of breast associated with pregnancy, third trimester	Diagnosis	ICD-10-CM	4	345	241	MARKER
O91213	Nonpurulent mastitis associated with pregnancy, third trimester	Diagnosis	ICD-10-CM	4	346	241	MARKER
O92013	Retracted nipple associated with pregnancy, third trimester	Diagnosis	ICD-10-CM	4	347	241	MARKER
O92113	Cracked nipple associated with pregnancy, third trimester	Diagnosis	ICD-10-CM	4	348	241	MARKER
O98013	Tuberculosis complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	349	241	MARKER
O98113	Syphilis complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	350	241	MARKER
O98213	Gonorrhea complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	351	241	MARKER
O98313	Other infections with a predominantly sexual mode of transmission complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	352	241	MARKER
O98413	Viral hepatitis complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	353	241	MARKER
O98513	Other viral diseases complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	354	241	MARKER
O98613	Protozoal diseases complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	355	241	MARKER
O98713	Human immunodeficiency virus [HIV] disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	356	241	MARKER
O98813	Other maternal infectious and parasitic diseases complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	357	241	MARKER
O98913	Unspecified maternal infectious and parasitic disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	358	241	MARKER
O99013	Anemia complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	359	241	MARKER
O99113	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	360	241	MARKER
O99213	Obesity complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	361	241	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O99283	Endocrine, nutritional and metabolic diseases complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	362	241	MARKER
O99313	Alcohol use complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	363	241	MARKER
O99323	Drug use complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	364	241	MARKER
O99333	Smoking (tobacco) complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	365	241	MARKER
O99343	Other mental disorders complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	366	241	MARKER
O99353	Diseases of the nervous system complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	367	241	MARKER
O99413	Diseases of the circulatory system complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	368	241	MARKER
O99513	Diseases of the respiratory system complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	369	241	MARKER
O99613	Diseases of the digestive system complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	370	241	MARKER
O99713	Diseases of the skin and subcutaneous tissue complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	371	241	MARKER
O99843	Bariatric surgery status complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	372	241	MARKER
O9A113	Malignant neoplasm complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	373	241	MARKER
O9A213	Injury, poisoning and certain other consequences of external causes complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	374	241	MARKER
O9A313	Physical abuse complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	375	241	MARKER
O9A413	Sexual abuse complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	376	241	MARKER
O9A513	Psychological abuse complicating pregnancy, third trimester	Diagnosis	ICD-10-CM	4	377	241	MARKER
Z3403	Encounter for supervision of normal first pregnancy, third trimester	Diagnosis	ICD-10-CM	4	378	241	MARKER
Z3483	Encounter for supervision of other normal pregnancy, third trimester	Diagnosis	ICD-10-CM	4	379	241	MARKER
Z3493	Encounter for supervision of normal pregnancy, unspecified, third trimester	Diagnosis	ICD-10-CM	4	380	241	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O42012	Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, second trimester	Diagnosis	ICD-10-CM	5	1	147	MARKER
O42112	Preterm premature rupture of membranes, onset of labor more than 24 hours following rupture, second trimester	Diagnosis	ICD-10-CM	5	2	147	MARKER
O42912	Preterm premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, second trimester	Diagnosis	ICD-10-CM	5	3	147	MARKER
O0902	Supervision of pregnancy with history of infertility, second trimester	Diagnosis	ICD-10-CM	5	4	147	MARKER
O0912	Supervision of pregnancy with history of ectopic pregnancy, second trimester	Diagnosis	ICD-10-CM	5	5	147	MARKER
O09212	Supervision of pregnancy with history of pre-term labor, second trimester	Diagnosis	ICD-10-CM	5	6	147	MARKER
O09292	Supervision of pregnancy with other poor reproductive or obstetric history, second trimester	Diagnosis	ICD-10-CM	5	7	147	MARKER
O0932	Supervision of pregnancy with insufficient antenatal care, second trimester	Diagnosis	ICD-10-CM	5	8	147	MARKER
O0942	Supervision of pregnancy with grand multiparity, second trimester	Diagnosis	ICD-10-CM	5	9	147	MARKER
O09512	Supervision of elderly primigravida, second trimester	Diagnosis	ICD-10-CM	5	10	147	MARKER
O09522	Supervision of elderly multigravida, second trimester	Diagnosis	ICD-10-CM	5	11	147	MARKER
O09612	Supervision of young primigravida, second trimester	Diagnosis	ICD-10-CM	5	12	147	MARKER
O09622	Supervision of young multigravida, second trimester	Diagnosis	ICD-10-CM	5	13	147	MARKER
O0972	Supervision of high risk pregnancy due to social problems, second trimester	Diagnosis	ICD-10-CM	5	14	147	MARKER
O09812	Supervision of pregnancy resulting from assisted reproductive technology, second trimester	Diagnosis	ICD-10-CM	5	15	147	MARKER
O09822	Supervision of pregnancy with history of in utero procedure during previous pregnancy, second trimester	Diagnosis	ICD-10-CM	5	16	147	MARKER
O09892	Supervision of other high risk pregnancies, second trimester	Diagnosis	ICD-10-CM	5	17	147	MARKER
O0992	Supervision of high risk pregnancy, unspecified, second trimester	Diagnosis	ICD-10-CM	5	18	147	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O09A2	Supervision of pregnancy with history of molar pregnancy, second trimester	Diagnosis	ICD-10-CM	5	19	147	MARKER
O10012	Pre-existing essential hypertension complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	20	147	MARKER
O10112	Pre-existing hypertensive heart disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	21	147	MARKER
O10212	Pre-existing hypertensive chronic kidney disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	22	147	MARKER
O10312	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	23	147	MARKER
O10412	Pre-existing secondary hypertension complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	24	147	MARKER
O10912	Unspecified pre-existing hypertension complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	25	147	MARKER
O112	Pre-existing hypertension with pre-eclampsia, second trimester	Diagnosis	ICD-10-CM	5	26	147	MARKER
O1202	Gestational edema, second trimester	Diagnosis	ICD-10-CM	5	27	147	MARKER
O1212	Gestational proteinuria, second trimester	Diagnosis	ICD-10-CM	5	28	147	MARKER
O1222	Gestational edema with proteinuria, second trimester	Diagnosis	ICD-10-CM	5	29	147	MARKER
O132	Gestational [pregnancy-induced] hypertension without significant proteinuria, second trimester	Diagnosis	ICD-10-CM	5	30	147	MARKER
O1402	Mild to moderate pre-eclampsia, second trimester	Diagnosis	ICD-10-CM	5	31	147	MARKER
O1412	Severe pre-eclampsia, second trimester	Diagnosis	ICD-10-CM	5	32	147	MARKER
O1422	HELLP syndrome (HELLP), second trimester	Diagnosis	ICD-10-CM	5	33	147	MARKER
O1492	Unspecified pre-eclampsia, second trimester	Diagnosis	ICD-10-CM	5	34	147	MARKER
O1502	Eclampsia complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	35	147	MARKER
O162	Unspecified maternal hypertension, second trimester	Diagnosis	ICD-10-CM	5	36	147	MARKER
O2202	Varicose veins of lower extremity in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	37	147	MARKER
O2212	Genital varices in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	38	147	MARKER
O2222	Superficial thrombophlebitis in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	39	147	MARKER
O2232	Deep phlebothrombosis in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	40	147	MARKER

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

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O2242	Hemorrhoids in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	41	147	MARKER
O2252	Cerebral venous thrombosis in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	42	147	MARKER
O228X2	Other venous complications in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	43	147	MARKER
O2292	Venous complication in pregnancy, unspecified, second trimester	Diagnosis	ICD-10-CM	5	44	147	MARKER
O2302	Infections of kidney in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	45	147	MARKER
O2312	Infections of bladder in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	46	147	MARKER
O2322	Infections of urethra in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	47	147	MARKER
O2332	Infections of other parts of urinary tract in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	48	147	MARKER
O2342	Unspecified infection of urinary tract in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	49	147	MARKER
O23512	Infections of cervix in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	50	147	MARKER
O23522	Salpingo-oophoritis in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	51	147	MARKER
O23592	Infection of other part of genital tract in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	52	147	MARKER
O2392	Unspecified genitourinary tract infection in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	53	147	MARKER
O24012	Pre-existing type 1 diabetes mellitus, in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	54	147	MARKER
O24112	Pre-existing type 2 diabetes mellitus, in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	55	147	MARKER
O24312	Unspecified pre-existing diabetes mellitus in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	56	147	MARKER
O24812	Other pre-existing diabetes mellitus in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	57	147	MARKER
O24912	Unspecified diabetes mellitus in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	58	147	MARKER
O2512	Malnutrition in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	59	147	MARKER
O2602	Excessive weight gain in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	60	147	MARKER
O2612	Low weight gain in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	61	147	MARKER
O2622	Pregnancy care for patient with recurrent pregnancy loss, second trimester	Diagnosis	ICD-10-CM	5	62	147	MARKER

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Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O2632	Retained intrauterine contraceptive device in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	63	147	MARKER
O2642	Herpes gestationis, second trimester	Diagnosis	ICD-10-CM	5	64	147	MARKER
O2652	Maternal hypotension syndrome, second trimester	Diagnosis	ICD-10-CM	5	65	147	MARKER
O26612	Liver and biliary tract disorders in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	66	147	MARKER
O26712	Subluxation of symphysis (pubis) in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	67	147	MARKER
O26812	Pregnancy related exhaustion and fatigue, second trimester	Diagnosis	ICD-10-CM	5	68	147	MARKER
O26822	Pregnancy related peripheral neuritis, second trimester	Diagnosis	ICD-10-CM	5	69	147	MARKER
O26832	Pregnancy related renal disease, second trimester	Diagnosis	ICD-10-CM	5	70	147	MARKER
O26842	Uterine size-date discrepancy, second trimester	Diagnosis	ICD-10-CM	5	71	147	MARKER
O26852	Spotting complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	72	147	MARKER
O26872	Cervical shortening, second trimester	Diagnosis	ICD-10-CM	5	73	147	MARKER
O26892	Other specified pregnancy related conditions, second trimester	Diagnosis	ICD-10-CM	5	74	147	MARKER
O2692	Pregnancy related conditions, unspecified, second trimester	Diagnosis	ICD-10-CM	5	75	147	MARKER
O29012	Aspiration pneumonitis due to anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM	5	76	147	MARKER
O29022	Pressure collapse of lung due to anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM	5	77	147	MARKER
O29092	Other pulmonary complications of anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM	5	78	147	MARKER
O29112	Cardiac arrest due to anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM	5	79	147	MARKER
O29122	Cardiac failure due to anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM	5	80	147	MARKER
O29192	Other cardiac complications of anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM	5	81	147	MARKER
O29212	Cerebral anoxia due to anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM	5	82	147	MARKER

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Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O29292	Other central nervous system complications of anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM	5	83	147	MARKER
O293X2	Toxic reaction to local anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM	5	84	147	MARKER
O2942	Spinal and epidural anesthesia induced headache during pregnancy, second trimester	Diagnosis	ICD-10-CM	5	85	147	MARKER
O295X2	Other complications of spinal and epidural anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM	5	86	147	MARKER
O2962	Failed or difficult intubation for anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM	5	87	147	MARKER
O298X2	Other complications of anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM	5	88	147	MARKER
O2992	Unspecified complication of anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM	5	89	147	MARKER
O30002	Twin pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM	5	90	147	MARKER
O30012	Twin pregnancy, monochorionic/monoamniotic, second trimester	Diagnosis	ICD-10-CM	5	91	147	MARKER
O30022	Conjoined twin pregnancy, second trimester	Diagnosis	ICD-10-CM	5	92	147	MARKER
O30032	Twin pregnancy, monochorionic/diamniotic, second	Diagnosis	ICD-10-CM	5	93	147	MARKER
O30042	Twin pregnancy, dichorionic/diamniotic, second trimester	Diagnosis	ICD-10-CM	5	94	147	MARKER
O30092	Twin pregnancy, unable to determine number of placenta and number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM	5	95	147	MARKER
O30102	Triplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM	5	96	147	MARKER
O30112	Triplet pregnancy with two or more monochorionic fetuses, second trimester	Diagnosis	ICD-10-CM	5	97	147	MARKER
O30122	Triplet pregnancy with two or more monoamniotic fetuses, second trimester	Diagnosis	ICD-10-CM	5	98	147	MARKER
O30132	Triplet pregnancy, trichorionic/triamniotic, second trimester	Diagnosis	ICD-10-CM	5	99	147	MARKER
O30192	Triplet pregnancy, unable to determine number of placenta and number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM	5	100	147	MARKER

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Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O30202	Quadruplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM	5	101	147	MARKER
O30212	Quadruplet pregnancy with two or more monochorionic fetuses, second trimester	Diagnosis	ICD-10-CM	5	102	147	MARKER
O30222	Quadruplet pregnancy with two or more monoamniotic fetuses, second trimester	Diagnosis	ICD-10-CM	5	103	147	MARKER
O30232	Quadruplet pregnancy, quadrachorionic/quadra-amniotic, second trimester	Diagnosis	ICD-10-CM	5	104	147	MARKER
O30292	Quadruplet pregnancy, unable to determine number of placenta and number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM	5	105	147	MARKER
O30802	Other specified multiple gestation, unspecified number of placenta and unspecified number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM	5	106	147	MARKER
O30812	Other specified multiple gestation with two or more monochorionic fetuses, second trimester	Diagnosis	ICD-10-CM	5	107	147	MARKER
O30822	Other specified multiple gestation with two or more monoamniotic fetuses, second trimester	Diagnosis	ICD-10-CM	5	108	147	MARKER
O30832	Other specified multiple gestation, number of chorions and amnions are both equal to the number of fetuses, second trimester	Diagnosis	ICD-10-CM	5	109	147	MARKER
O30892	Other specified multiple gestation, unable to determine number of placenta and number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM	5	110	147	MARKER
O3092	Multiple gestation, unspecified, second trimester	Diagnosis	ICD-10-CM	5	111	147	MARKER
O3102X0	Papyraceous fetus, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	112	147	MARKER
O3102X1	Papyraceous fetus, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	113	147	MARKER
O3102X2	Papyraceous fetus, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	114	147	MARKER
O3102X3	Papyraceous fetus, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	115	147	MARKER
O3102X4	Papyraceous fetus, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	116	147	MARKER
O3102X5	Papyraceous fetus, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	117	147	MARKER
O3102X9	Papyraceous fetus, second trimester, other fetus	Diagnosis	ICD-10-CM	5	118	147	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O3112X0	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, not applicable or	Diagnosis	ICD-10-CM	5	119	147	MARKER
O3112X1	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	120	147	MARKER
O3112X2	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	121	147	MARKER
O3112X3	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	122	147	MARKER
O3112X4	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	123	147	MARKER
O3112X5	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	124	147	MARKER
O3112X9	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, other fetus	Diagnosis	ICD-10-CM	5	125	147	MARKER
O3122X0	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	126	147	MARKER
O3122X1	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	127	147	MARKER
O3122X2	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	128	147	MARKER
O3122X3	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	129	147	MARKER
O3122X4	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	130	147	MARKER
O3122X5	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	131	147	MARKER
O3122X9	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, other fetus	Diagnosis	ICD-10-CM	5	132	147	MARKER
O3132X0	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, not applicable or	Diagnosis	ICD-10-CM	5	133	147	MARKER
O3132X1	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	134	147	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O3132X2	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	135	147	MARKER
O3132X3	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	136	147	MARKER
O3132X4	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	137	147	MARKER
O3132X5	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	138	147	MARKER
O3132X9	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, other fetus	Diagnosis	ICD-10-CM	5	139	147	MARKER
O318X20	Other complications specific to multiple gestation, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	140	147	MARKER
O318X21	Other complications specific to multiple gestation, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	141	147	MARKER
O318X22	Other complications specific to multiple gestation, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	142	147	MARKER
O318X23	Other complications specific to multiple gestation, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	143	147	MARKER
O318X24	Other complications specific to multiple gestation, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	144	147	MARKER
O318X25	Other complications specific to multiple gestation, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	145	147	MARKER
O318X29	Other complications specific to multiple gestation, second trimester, other fetus	Diagnosis	ICD-10-CM	5	146	147	MARKER
O3402	Maternal care for unspecified congenital malformation of uterus, second trimester	Diagnosis	ICD-10-CM	5	147	147	MARKER
O3412	Maternal care for benign tumor of corpus uteri, second trimester	Diagnosis	ICD-10-CM	5	148	147	MARKER
O3432	Maternal care for cervical incompetence, second trimester	Diagnosis	ICD-10-CM	5	149	147	MARKER
O3442	Maternal care for other abnormalities of cervix, second trimester	Diagnosis	ICD-10-CM	5	150	147	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O34512	Maternal care for incarceration of gravid uterus, second trimester	Diagnosis	ICD-10-CM	5	151	147	MARKER
O34522	Maternal care for prolapse of gravid uterus, second	Diagnosis	ICD-10-CM	5	152	147	MARKER
O34532	Maternal care for retroversion of gravid uterus, second trimester	Diagnosis	ICD-10-CM	5	153	147	MARKER
O34592	Maternal care for other abnormalities of gravid uterus, second trimester	Diagnosis	ICD-10-CM	5	154	147	MARKER
O3462	Maternal care for abnormality of vagina, second trimester	Diagnosis	ICD-10-CM	5	155	147	MARKER
O3472	Maternal care for abnormality of vulva and perineum, second trimester	Diagnosis	ICD-10-CM	5	156	147	MARKER
O3482	Maternal care for other abnormalities of pelvic organs, second trimester	Diagnosis	ICD-10-CM	5	157	147	MARKER
O3492	Maternal care for abnormality of pelvic organ, unspecified, second trimester	Diagnosis	ICD-10-CM	5	158	147	MARKER
O360120	Maternal care for anti-D [Rh] antibodies, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	159	147	MARKER
O360121	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	160	147	MARKER
O360122	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	161	147	MARKER
O360123	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	162	147	MARKER
O360124	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	163	147	MARKER
O360125	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	164	147	MARKER
O360129	Maternal care for anti-D [Rh] antibodies, second trimester, other fetus	Diagnosis	ICD-10-CM	5	165	147	MARKER
O360920	Maternal care for other rhesus isoimmunization, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	166	147	MARKER
O360921	Maternal care for other rhesus isoimmunization, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	167	147	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O360922	Maternal care for other rhesus isoimmunization, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	168	147	MARKER
O360923	Maternal care for other rhesus isoimmunization, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	169	147	MARKER
O360924	Maternal care for other rhesus isoimmunization, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	170	147	MARKER
O360925	Maternal care for other rhesus isoimmunization, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	171	147	MARKER
O360929	Maternal care for other rhesus isoimmunization, second trimester, other fetus	Diagnosis	ICD-10-CM	5	172	147	MARKER
O361120	Maternal care for Anti-A sensitization, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	173	147	MARKER
O361121	Maternal care for Anti-A sensitization, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	174	147	MARKER
O361122	Maternal care for Anti-A sensitization, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	175	147	MARKER
O361123	Maternal care for Anti-A sensitization, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	176	147	MARKER
O361124	Maternal care for Anti-A sensitization, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	177	147	MARKER
O361125	Maternal care for Anti-A sensitization, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	178	147	MARKER
O361129	Maternal care for Anti-A sensitization, second trimester, other fetus	Diagnosis	ICD-10-CM	5	179	147	MARKER
O361920	Maternal care for other isoimmunization, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	180	147	MARKER
O361921	Maternal care for other isoimmunization, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	181	147	MARKER
O361922	Maternal care for other isoimmunization, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	182	147	MARKER
O361923	Maternal care for other isoimmunization, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	183	147	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O361924	Maternal care for other isoimmunization, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	184	147	MARKER
O361925	Maternal care for other isoimmunization, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	185	147	MARKER
O361929	Maternal care for other isoimmunization, second trimester, other fetus	Diagnosis	ICD-10-CM	5	186	147	MARKER
O3622X0	Maternal care for hydrops fetalis, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	187	147	MARKER
O3622X1	Maternal care for hydrops fetalis, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	188	147	MARKER
O3622X2	Maternal care for hydrops fetalis, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	189	147	MARKER
O3622X3	Maternal care for hydrops fetalis, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	190	147	MARKER
O3622X4	Maternal care for hydrops fetalis, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	191	147	MARKER
O3622X5	Maternal care for hydrops fetalis, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	192	147	MARKER
O3622X9	Maternal care for hydrops fetalis, second trimester, other fetus	Diagnosis	ICD-10-CM	5	193	147	MARKER
O365120	Maternal care for known or suspected placental insufficiency, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	194	147	MARKER
O365121	Maternal care for known or suspected placental insufficiency, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	195	147	MARKER
O365122	Maternal care for known or suspected placental insufficiency, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	196	147	MARKER
O365123	Maternal care for known or suspected placental insufficiency, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	197	147	MARKER
O365124	Maternal care for known or suspected placental insufficiency, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	198	147	MARKER
O365125	Maternal care for known or suspected placental insufficiency, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	199	147	MARKER
O365129	Maternal care for known or suspected placental insufficiency, second trimester, other fetus	Diagnosis	ICD-10-CM	5	200	147	MARKER
O365920	Maternal care for other known or suspected poor fetal growth, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	201	147	MARKER

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

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O365921	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	202	147	MARKER
O365922	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	203	147	MARKER
O365923	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	204	147	MARKER
O365924	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	205	147	MARKER
O365925	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	206	147	MARKER
O365929	Maternal care for other known or suspected poor fetal growth, second trimester, other fetus	Diagnosis	ICD-10-CM	5	207	147	MARKER
O3662X0	Maternal care for excessive fetal growth, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	208	147	MARKER
O3662X1	Maternal care for excessive fetal growth, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	209	147	MARKER
O3662X2	Maternal care for excessive fetal growth, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	210	147	MARKER
O3662X3	Maternal care for excessive fetal growth, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	211	147	MARKER
O3662X4	Maternal care for excessive fetal growth, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	212	147	MARKER
O3662X5	Maternal care for excessive fetal growth, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	213	147	MARKER
O3662X9	Maternal care for excessive fetal growth, second trimester, other fetus	Diagnosis	ICD-10-CM	5	214	147	MARKER
O3672X0	Maternal care for viable fetus in abdominal pregnancy, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	215	147	MARKER
O3672X1	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	216	147	MARKER
O3672X2	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	217	147	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O3672X3	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	218	147	MARKER
O3672X4	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	219	147	MARKER
O3672X5	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	220	147	MARKER
O3672X9	Maternal care for viable fetus in abdominal pregnancy, second trimester, other fetus	Diagnosis	ICD-10-CM	5	221	147	MARKER
O368120	Decreased fetal movements, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	222	147	MARKER
O368121	Decreased fetal movements, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	223	147	MARKER
O368122	Decreased fetal movements, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	224	147	MARKER
O368123	Decreased fetal movements, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	225	147	MARKER
O368124	Decreased fetal movements, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	226	147	MARKER
O368125	Decreased fetal movements, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	227	147	MARKER
O368129	Decreased fetal movements, second trimester, other fetus	Diagnosis	ICD-10-CM	5	228	147	MARKER
O368220	Fetal anemia and thrombocytopenia, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	229	147	MARKER
O368221	Fetal anemia and thrombocytopenia, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	230	147	MARKER
O368222	Fetal anemia and thrombocytopenia, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	231	147	MARKER
O368223	Fetal anemia and thrombocytopenia, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	232	147	MARKER
O368224	Fetal anemia and thrombocytopenia, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	233	147	MARKER
O368225	Fetal anemia and thrombocytopenia, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	234	147	MARKER
O368229	Fetal anemia and thrombocytopenia, second trimester, other fetus	Diagnosis	ICD-10-CM	5	235	147	MARKER
O368320	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	236	147	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O368321	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	237	147	MARKER
O368322	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	238	147	MARKER
O368323	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	239	147	MARKER
O368324	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	240	147	MARKER
O368325	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	241	147	MARKER
O368329	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, other fetus	Diagnosis	ICD-10-CM	5	242	147	MARKER
O368920	Maternal care for other specified fetal problems, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	243	147	MARKER
O368921	Maternal care for other specified fetal problems, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	244	147	MARKER
O368922	Maternal care for other specified fetal problems, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	245	147	MARKER
O368923	Maternal care for other specified fetal problems, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	246	147	MARKER
O368924	Maternal care for other specified fetal problems, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	247	147	MARKER
O368925	Maternal care for other specified fetal problems, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	248	147	MARKER
O368929	Maternal care for other specified fetal problems, second trimester, other fetus	Diagnosis	ICD-10-CM	5	249	147	MARKER
O3692X0	Maternal care for fetal problem, unspecified, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	250	147	MARKER
O3692X1	Maternal care for fetal problem, unspecified, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	251	147	MARKER
O3692X2	Maternal care for fetal problem, unspecified, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	252	147	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O3692X3	Maternal care for fetal problem, unspecified, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	253	147	MARKER
O3692X4	Maternal care for fetal problem, unspecified, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	254	147	MARKER
O3692X5	Maternal care for fetal problem, unspecified, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	255	147	MARKER
O3692X9	Maternal care for fetal problem, unspecified, second trimester, other fetus	Diagnosis	ICD-10-CM	5	256	147	MARKER
O402XX0	Polyhydramnios, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	257	147	MARKER
O402XX1	Polyhydramnios, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	258	147	MARKER
O402XX2	Polyhydramnios, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	259	147	MARKER
O402XX3	Polyhydramnios, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	260	147	MARKER
O402XX4	Polyhydramnios, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	261	147	MARKER
O402XX5	Polyhydramnios, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	262	147	MARKER
O402XX9	Polyhydramnios, second trimester, other fetus	Diagnosis	ICD-10-CM	5	263	147	MARKER
O4102X0	Oligohydramnios, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	264	147	MARKER
O4102X1	Oligohydramnios, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	265	147	MARKER
O4102X2	Oligohydramnios, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	266	147	MARKER
O4102X3	Oligohydramnios, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	267	147	MARKER
O4102X4	Oligohydramnios, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	268	147	MARKER
O4102X5	Oligohydramnios, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	269	147	MARKER
O4102X9	Oligohydramnios, second trimester, other fetus	Diagnosis	ICD-10-CM	5	270	147	MARKER
O411020	Infection of amniotic sac and membranes, unspecified, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	271	147	MARKER
O411021	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	272	147	MARKER
O411022	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	273	147	MARKER
O411023	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	274	147	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O411024	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	275	147	MARKER
O411025	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	276	147	MARKER
O411029	Infection of amniotic sac and membranes, unspecified, second trimester, other fetus	Diagnosis	ICD-10-CM	5	277	147	MARKER
O411220	Chorioamnionitis, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	278	147	MARKER
O411221	Chorioamnionitis, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	279	147	MARKER
O411222	Chorioamnionitis, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	280	147	MARKER
O411223	Chorioamnionitis, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	281	147	MARKER
O411224	Chorioamnionitis, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	282	147	MARKER
O411225	Chorioamnionitis, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	283	147	MARKER
O411229	Chorioamnionitis, second trimester, other fetus	Diagnosis	ICD-10-CM	5	284	147	MARKER
O411420	Placentitis, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	285	147	MARKER
O411421	Placentitis, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	286	147	MARKER
O411422	Placentitis, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	287	147	MARKER
O411423	Placentitis, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	288	147	MARKER
O411424	Placentitis, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	289	147	MARKER
O411425	Placentitis, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	290	147	MARKER
O411429	Placentitis, second trimester, other fetus	Diagnosis	ICD-10-CM	5	291	147	MARKER
O418X20	Other specified disorders of amniotic fluid and membranes, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	292	147	MARKER
O418X21	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	293	147	MARKER
O418X22	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	294	147	MARKER
O418X23	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	295	147	MARKER
O418X24	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	296	147	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O418X25	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	297	147	MARKER
O418X29	Other specified disorders of amniotic fluid and membranes, second trimester, other fetus	Diagnosis	ICD-10-CM	5	298	147	MARKER
O4192X0	Disorder of amniotic fluid and membranes, unspecified, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	5	299	147	MARKER
O4192X1	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 1	Diagnosis	ICD-10-CM	5	300	147	MARKER
O4192X2	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 2	Diagnosis	ICD-10-CM	5	301	147	MARKER
O4192X3	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 3	Diagnosis	ICD-10-CM	5	302	147	MARKER
O4192X4	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 4	Diagnosis	ICD-10-CM	5	303	147	MARKER
O4192X5	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 5	Diagnosis	ICD-10-CM	5	304	147	MARKER
O4192X9	Disorder of amniotic fluid and membranes, unspecified, second trimester, other fetus	Diagnosis	ICD-10-CM	5	305	147	MARKER
O43012	Fetomaternal placental transfusion syndrome, second trimester	Diagnosis	ICD-10-CM	5	306	147	MARKER
O43022	Fetus-to-fetus placental transfusion syndrome, second trimester	Diagnosis	ICD-10-CM	5	307	147	MARKER
O43102	Malformation of placenta, unspecified, second trimester	Diagnosis	ICD-10-CM	5	308	147	MARKER
O43112	Circumvallate placenta, second trimester	Diagnosis	ICD-10-CM	5	309	147	MARKER
O43122	Velamentous insertion of umbilical cord, second trimester	Diagnosis	ICD-10-CM	5	310	147	MARKER
O43192	Other malformation of placenta, second trimester	Diagnosis	ICD-10-CM	5	311	147	MARKER
O43212	Placenta accreta, second trimester	Diagnosis	ICD-10-CM	5	312	147	MARKER
O43222	Placenta increta, second trimester	Diagnosis	ICD-10-CM	5	313	147	MARKER
O43232	Placenta percreta, second trimester	Diagnosis	ICD-10-CM	5	314	147	MARKER
O43812	Placental infarction, second trimester	Diagnosis	ICD-10-CM	5	315	147	MARKER
O43892	Other placental disorders, second trimester	Diagnosis	ICD-10-CM	5	316	147	MARKER
O4392	Unspecified placental disorder, second trimester	Diagnosis	ICD-10-CM	5	317	147	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O4402	Complete placenta previa NOS or without hemorrhage, second trimester	Diagnosis	ICD-10-CM	5	318	147	MARKER
O4412	Complete placenta previa with hemorrhage, second	Diagnosis	ICD-10-CM	5	319	147	MARKER
O4422	Partial placenta previa NOS or without hemorrhage, second trimester	Diagnosis	ICD-10-CM	5	320	147	MARKER
O4432	Partial placenta previa with hemorrhage, second trimester	Diagnosis	ICD-10-CM	5	321	147	MARKER
O4442	Low lying placenta NOS or without hemorrhage, second trimester	Diagnosis	ICD-10-CM	5	322	147	MARKER
O4452	Low lying placenta with hemorrhage, second trimester	Diagnosis	ICD-10-CM	5	323	147	MARKER
O45002	Premature separation of placenta with coagulation defect, unspecified, second trimester	Diagnosis	ICD-10-CM	5	324	147	MARKER
O45012	Premature separation of placenta with afibrinogenemia, second trimester	Diagnosis	ICD-10-CM	5	325	147	MARKER
O45022	Premature separation of placenta with disseminated intravascular coagulation, second trimester	Diagnosis	ICD-10-CM	5	326	147	MARKER
O45092	Premature separation of placenta with other coagulation defect, second trimester	Diagnosis	ICD-10-CM	5	327	147	MARKER
O458X2	Other premature separation of placenta, second trimester	Diagnosis	ICD-10-CM	5	328	147	MARKER
O4592	Premature separation of placenta, unspecified, second trimester	Diagnosis	ICD-10-CM	5	329	147	MARKER
O46002	Antepartum hemorrhage with coagulation defect, unspecified, second trimester	Diagnosis	ICD-10-CM	5	330	147	MARKER
O46012	Antepartum hemorrhage with afibrinogenemia, second trimester	Diagnosis	ICD-10-CM	5	331	147	MARKER
O46022	Antepartum hemorrhage with disseminated intravascular coagulation, second trimester	Diagnosis	ICD-10-CM	5	332	147	MARKER
O46092	Antepartum hemorrhage with other coagulation defect, second trimester	Diagnosis	ICD-10-CM	5	333	147	MARKER
O468X2	Other antepartum hemorrhage, second trimester	Diagnosis	ICD-10-CM	5	334	147	MARKER
O4692	Antepartum hemorrhage, unspecified, second trimester	Diagnosis	ICD-10-CM	5	335	147	MARKER
O4702	False labor before 37 completed weeks of gestation, second trimester	Diagnosis	ICD-10-CM	5	336	147	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O6002	Preterm labor without delivery, second trimester	Diagnosis	ICD-10-CM	5	337	147	MARKER
O7102	Rupture of uterus before onset of labor, second trimester	Diagnosis	ICD-10-CM	5	338	147	MARKER
O88012	Air embolism in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	339	147	MARKER
O88112	Amniotic fluid embolism in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	340	147	MARKER
O88212	Thromboembolism in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	341	147	MARKER
O88312	Pyemic and septic embolism in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	342	147	MARKER
O88812	Other embolism in pregnancy, second trimester	Diagnosis	ICD-10-CM	5	343	147	MARKER
O91012	Infection of nipple associated with pregnancy, second trimester	Diagnosis	ICD-10-CM	5	344	147	MARKER
O91112	Abscess of breast associated with pregnancy, second trimester	Diagnosis	ICD-10-CM	5	345	147	MARKER
O91212	Nonpurulent mastitis associated with pregnancy, second trimester	Diagnosis	ICD-10-CM	5	346	147	MARKER
O92012	Retracted nipple associated with pregnancy, second	Diagnosis	ICD-10-CM	5	347	147	MARKER
O92112	Cracked nipple associated with pregnancy, second trimester	Diagnosis	ICD-10-CM	5	348	147	MARKER
O98012	Tuberculosis complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	349	147	MARKER
O98112	Syphilis complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	350	147	MARKER
O98212	Gonorrhea complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	351	147	MARKER
O98312	Other infections with a predominantly sexual mode of transmission complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	352	147	MARKER
O98412	Viral hepatitis complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	353	147	MARKER
O98512	Other viral diseases complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	354	147	MARKER
O98612	Protozoal diseases complicating pregnancy, second	Diagnosis	ICD-10-CM	5	355	147	MARKER
O98712	Human immunodeficiency virus [HIV] disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	356	147	MARKER
O98812	Other maternal infectious and parasitic diseases complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	357	147	MARKER
O98912	Unspecified maternal infectious and parasitic disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	358	147	MARKER
O99012	Anemia complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	359	147	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O99112	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	360	147	MARKER
O99212	Obesity complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	361	147	MARKER
O99282	Endocrine, nutritional and metabolic diseases complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	362	147	MARKER
O99312	Alcohol use complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	363	147	MARKER
O99322	Drug use complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	364	147	MARKER
O99332	Smoking (tobacco) complicating pregnancy, second	Diagnosis	ICD-10-CM	5	365	147	MARKER
O99342	Other mental disorders complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	366	147	MARKER
O99352	Diseases of the nervous system complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	367	147	MARKER
O99412	Diseases of the circulatory system complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	368	147	MARKER
O99512	Diseases of the respiratory system complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	369	147	MARKER
O99612	Diseases of the digestive system complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	370	147	MARKER
O99712	Diseases of the skin and subcutaneous tissue complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	371	147	MARKER
O99842	Bariatric surgery status complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	372	147	MARKER
O9A112	Malignant neoplasm complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	373	147	MARKER
O9A212	Injury, poisoning and certain other consequences of external causes complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	374	147	MARKER
O9A312	Physical abuse complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	375	147	MARKER
O9A412	Sexual abuse complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	376	147	MARKER
O9A512	Psychological abuse complicating pregnancy, second trimester	Diagnosis	ICD-10-CM	5	377	147	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
Z3402	Encounter for supervision of normal first pregnancy, second trimester	Diagnosis	ICD-10-CM	5	378	147	MARKER
Z3482	Encounter for supervision of other normal pregnancy, second trimester	Diagnosis	ICD-10-CM	5	379	147	MARKER
Z3492	Encounter for supervision of normal pregnancy, unspecified, second trimester	Diagnosis	ICD-10-CM	5	380	147	MARKER
O368310	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	1	70	MARKER
O368311	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	2	70	MARKER
O368312	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	3	70	MARKER
O368313	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	4	70	MARKER
O368314	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	5	70	MARKER
O368315	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	6	70	MARKER
O42011	Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, first trimester	Diagnosis	ICD-10-CM	6	7	70	MARKER
O42111	Preterm premature rupture of membranes, onset of labor more than 24 hours following rupture, first trimester	Diagnosis	ICD-10-CM	6	8	70	MARKER
O42911	Preterm premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, first trimester	Diagnosis	ICD-10-CM	6	9	70	MARKER
O0901	Supervision of pregnancy with history of infertility, first trimester	Diagnosis	ICD-10-CM	6	10	70	MARKER
O0911	Supervision of pregnancy with history of ectopic pregnancy, first trimester	Diagnosis	ICD-10-CM	6	11	70	MARKER
O09211	Supervision of pregnancy with history of pre-term labor, first trimester	Diagnosis	ICD-10-CM	6	12	70	MARKER

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

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O09291	Supervision of pregnancy with other poor reproductive or obstetric history, first trimester	Diagnosis	ICD-10-CM	6	13	70	MARKER
O0931	Supervision of pregnancy with insufficient antenatal care, first trimester	Diagnosis	ICD-10-CM	6	14	70	MARKER
O0941	Supervision of pregnancy with grand multiparity, first trimester	Diagnosis	ICD-10-CM	6	15	70	MARKER
O09511	Supervision of elderly primigravida, first trimester	Diagnosis	ICD-10-CM	6	16	70	MARKER
O09521	Supervision of elderly multigravida, first trimester	Diagnosis	ICD-10-CM	6	17	70	MARKER
O09611	Supervision of young primigravida, first trimester	Diagnosis	ICD-10-CM	6	18	70	MARKER
O09621	Supervision of young multigravida, first trimester	Diagnosis	ICD-10-CM	6	19	70	MARKER
O0971	Supervision of high risk pregnancy due to social problems, first trimester	Diagnosis	ICD-10-CM	6	20	70	MARKER
O09811	Supervision of pregnancy resulting from assisted reproductive technology, first trimester	Diagnosis	ICD-10-CM	6	21	70	MARKER
O09821	Supervision of pregnancy with history of in utero procedure during previous pregnancy, first trimester	Diagnosis	ICD-10-CM	6	22	70	MARKER
O09891	Supervision of other high risk pregnancies, first trimester	Diagnosis	ICD-10-CM	6	23	70	MARKER
O0991	Supervision of high risk pregnancy, unspecified, first trimester	Diagnosis	ICD-10-CM	6	24	70	MARKER
O09A1	Supervision of pregnancy with history of molar pregnancy, first trimester	Diagnosis	ICD-10-CM	6	25	70	MARKER
O10011	Pre-existing essential hypertension complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	26	70	MARKER
O10111	Pre-existing hypertensive heart disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	27	70	MARKER
O10211	Pre-existing hypertensive chronic kidney disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	28	70	MARKER
O10311	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	29	70	MARKER
O10411	Pre-existing secondary hypertension complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	30	70	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O10911	Unspecified pre-existing hypertension complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	31	70	MARKER
O111	Pre-existing hypertension with pre-eclampsia, first trimester	Diagnosis	ICD-10-CM	6	32	70	MARKER
O1201	Gestational edema, first trimester	Diagnosis	ICD-10-CM	6	33	70	MARKER
O1211	Gestational proteinuria, first trimester	Diagnosis	ICD-10-CM	6	34	70	MARKER
O1221	Gestational edema with proteinuria, first trimester	Diagnosis	ICD-10-CM	6	35	70	MARKER
O131	Gestational [pregnancy-induced] hypertension without significant proteinuria, first trimester	Diagnosis	ICD-10-CM	6	36	70	MARKER
O161	Unspecified maternal hypertension, first trimester	Diagnosis	ICD-10-CM	6	37	70	MARKER
O2201	Varicose veins of lower extremity in pregnancy, first	Diagnosis	ICD-10-CM	6	38	70	MARKER
O2211	Genital varices in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	39	70	MARKER
O2221	Superficial thrombophlebitis in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	40	70	MARKER
O2231	Deep phlebothrombosis in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	41	70	MARKER
O2241	Hemorrhoids in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	42	70	MARKER
O2251	Cerebral venous thrombosis in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	43	70	MARKER
O228X1	Other venous complications in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	44	70	MARKER
O2291	Venous complication in pregnancy, unspecified, first trimester	Diagnosis	ICD-10-CM	6	45	70	MARKER
O2301	Infections of kidney in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	46	70	MARKER
O2311	Infections of bladder in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	47	70	MARKER
O2321	Infections of urethra in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	48	70	MARKER
O2331	Infections of other parts of urinary tract in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	49	70	MARKER
O2341	Unspecified infection of urinary tract in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	50	70	MARKER
O23511	Infections of cervix in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	51	70	MARKER
O23521	Salpingo-oophoritis in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	52	70	MARKER
O23591	Infection of other part of genital tract in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	53	70	MARKER
O2391	Unspecified genitourinary tract infection in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	54	70	MARKER

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Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O24011	Pre-existing type 1 diabetes mellitus, in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	55	70	MARKER
O24111	Pre-existing type 2 diabetes mellitus, in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	56	70	MARKER
O24311	Unspecified pre-existing diabetes mellitus in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	57	70	MARKER
O24811	Other pre-existing diabetes mellitus in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	58	70	MARKER
O24911	Unspecified diabetes mellitus in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	59	70	MARKER
O2511	Malnutrition in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	60	70	MARKER
O2601	Excessive weight gain in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	61	70	MARKER
O2611	Low weight gain in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	62	70	MARKER
O2621	Pregnancy care for patient with recurrent pregnancy loss, first trimester	Diagnosis	ICD-10-CM	6	63	70	MARKER
O2631	Retained intrauterine contraceptive device in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	64	70	MARKER
O2641	Herpes gestationis, first trimester	Diagnosis	ICD-10-CM	6	65	70	MARKER
O2651	Maternal hypotension syndrome, first trimester	Diagnosis	ICD-10-CM	6	66	70	MARKER
O26611	Liver and biliary tract disorders in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	67	70	MARKER
O26711	Subluxation of symphysis (pubis) in pregnancy, first	Diagnosis	ICD-10-CM	6	68	70	MARKER
O26811	Pregnancy related exhaustion and fatigue, first trimester	Diagnosis	ICD-10-CM	6	69	70	MARKER
O26821	Pregnancy related peripheral neuritis, first trimester	Diagnosis	ICD-10-CM	6	70	70	MARKER
O26831	Pregnancy related renal disease, first trimester	Diagnosis	ICD-10-CM	6	71	70	MARKER
O26841	Uterine size-date discrepancy, first trimester	Diagnosis	ICD-10-CM	6	72	70	MARKER
O26851	Spotting complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	73	70	MARKER
O26891	Other specified pregnancy related conditions, first trimester	Diagnosis	ICD-10-CM	6	74	70	MARKER
O2691	Pregnancy related conditions, unspecified, first trimester	Diagnosis	ICD-10-CM	6	75	70	MARKER
O29011	Aspiration pneumonitis due to anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM	6	76	70	MARKER
O29021	Pressure collapse of lung due to anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM	6	77	70	MARKER

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Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O29091	Other pulmonary complications of anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM	6	78	70	MARKER
O29111	Cardiac arrest due to anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM	6	79	70	MARKER
O29121	Cardiac failure due to anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM	6	80	70	MARKER
O29191	Other cardiac complications of anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM	6	81	70	MARKER
O29211	Cerebral anoxia due to anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM	6	82	70	MARKER
O29291	Other central nervous system complications of anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM	6	83	70	MARKER
O293X1	Toxic reaction to local anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM	6	84	70	MARKER
O2941	Spinal and epidural anesthesia induced headache during pregnancy, first trimester	Diagnosis	ICD-10-CM	6	85	70	MARKER
O295X1	Other complications of spinal and epidural anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM	6	86	70	MARKER
O2961	Failed or difficult intubation for anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM	6	87	70	MARKER
O298X1	Other complications of anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM	6	88	70	MARKER
O2991	Unspecified complication of anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM	6	89	70	MARKER
O30001	Twin pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM	6	90	70	MARKER
O30011	Twin pregnancy, monochorionic/monoamniotic, first trimester	Diagnosis	ICD-10-CM	6	91	70	MARKER
O30021	Conjoined twin pregnancy, first trimester	Diagnosis	ICD-10-CM	6	92	70	MARKER
O30031	Twin pregnancy, monochorionic/diamniotic, first trimester	Diagnosis	ICD-10-CM	6	93	70	MARKER
O30041	Twin pregnancy, dichorionic/diamniotic, first trimester	Diagnosis	ICD-10-CM	6	94	70	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O30091	Twin pregnancy, unable to determine number of placenta and number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM	6	95	70	MARKER
O30101	Triplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM	6	96	70	MARKER
O30111	Triplet pregnancy with two or more monochorionic fetuses, first trimester	Diagnosis	ICD-10-CM	6	97	70	MARKER
O30121	Triplet pregnancy with two or more monoamniotic fetuses, first trimester	Diagnosis	ICD-10-CM	6	98	70	MARKER
O30131	Triplet pregnancy, trichorionic/triamniotic, first trimester	Diagnosis	ICD-10-CM	6	99	70	MARKER
O30191	Triplet pregnancy, unable to determine number of placenta and number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM	6	100	70	MARKER
O30201	Quadruplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM	6	101	70	MARKER
O30211	Quadruplet pregnancy with two or more monochorionic fetuses, first trimester	Diagnosis	ICD-10-CM	6	102	70	MARKER
O30221	Quadruplet pregnancy with two or more monoamniotic fetuses, first trimester	Diagnosis	ICD-10-CM	6	103	70	MARKER
O30231	Quadruplet pregnancy, quadrachorionic/quadra-amniotic, first trimester	Diagnosis	ICD-10-CM	6	104	70	MARKER
O30291	Quadruplet pregnancy, unable to determine number of placenta and number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM	6	105	70	MARKER
O30801	Other specified multiple gestation, unspecified number of placenta and unspecified number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM	6	106	70	MARKER
O30811	Other specified multiple gestation with two or more monochorionic fetuses, first trimester	Diagnosis	ICD-10-CM	6	107	70	MARKER
O30821	Other specified multiple gestation with two or more monoamniotic fetuses, first trimester	Diagnosis	ICD-10-CM	6	108	70	MARKER
O30831	Other specified multiple gestation, number of chorions and amnions are both equal to the number of fetuses, first trimester	Diagnosis	ICD-10-CM	6	109	70	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O30891	Other specified multiple gestation, unable to determine number of placenta and number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM	6	110	70	MARKER
O3091	Multiple gestation, unspecified, first trimester	Diagnosis	ICD-10-CM	6	111	70	MARKER
O3101X0	Papyraceous fetus, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	112	70	MARKER
O3101X1	Papyraceous fetus, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	113	70	MARKER
O3101X2	Papyraceous fetus, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	114	70	MARKER
O3101X3	Papyraceous fetus, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	115	70	MARKER
O3101X4	Papyraceous fetus, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	116	70	MARKER
O3101X5	Papyraceous fetus, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	117	70	MARKER
O3101X9	Papyraceous fetus, first trimester, other fetus	Diagnosis	ICD-10-CM	6	118	70	MARKER
O3111X0	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	119	70	MARKER
O3111X1	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	120	70	MARKER
O3111X2	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	121	70	MARKER
O3111X3	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	122	70	MARKER
O3111X4	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	123	70	MARKER
O3111X5	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	124	70	MARKER
O3111X9	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, other fetus	Diagnosis	ICD-10-CM	6	125	70	MARKER
O3121X0	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	126	70	MARKER
O3121X1	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	127	70	MARKER
O3121X2	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	128	70	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O3121X3	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	129	70	MARKER
O3121X4	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	130	70	MARKER
O3121X5	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	131	70	MARKER
O3121X9	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, other fetus	Diagnosis	ICD-10-CM	6	132	70	MARKER
O3131X0	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	133	70	MARKER
O3131X1	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	134	70	MARKER
O3131X2	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	135	70	MARKER
O3131X3	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	136	70	MARKER
O3131X4	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	137	70	MARKER
O3131X5	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	138	70	MARKER
O3131X9	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, other fetus	Diagnosis	ICD-10-CM	6	139	70	MARKER
O318X10	Other complications specific to multiple gestation, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	140	70	MARKER
O318X11	Other complications specific to multiple gestation, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	141	70	MARKER
O318X12	Other complications specific to multiple gestation, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	142	70	MARKER
O318X13	Other complications specific to multiple gestation, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	143	70	MARKER
O318X14	Other complications specific to multiple gestation, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	144	70	MARKER

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Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O318X15	Other complications specific to multiple gestation, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	145	70	MARKER
O318X19	Other complications specific to multiple gestation, first trimester, other fetus	Diagnosis	ICD-10-CM	6	146	70	MARKER
O3401	Maternal care for unspecified congenital malformation of uterus, first trimester	Diagnosis	ICD-10-CM	6	147	70	MARKER
O3411	Maternal care for benign tumor of corpus uteri, first trimester	Diagnosis	ICD-10-CM	6	148	70	MARKER
O3431	Maternal care for cervical incompetence, first trimester	Diagnosis	ICD-10-CM	6	149	70	MARKER
O3441	Maternal care for other abnormalities of cervix, first trimester	Diagnosis	ICD-10-CM	6	150	70	MARKER
O34511	Maternal care for incarceration of gravid uterus, first trimester	Diagnosis	ICD-10-CM	6	151	70	MARKER
O34521	Maternal care for prolapse of gravid uterus, first trimester	Diagnosis	ICD-10-CM	6	152	70	MARKER
O34531	Maternal care for retroversion of gravid uterus, first trimester	Diagnosis	ICD-10-CM	6	153	70	MARKER
O34591	Maternal care for other abnormalities of gravid uterus, first trimester	Diagnosis	ICD-10-CM	6	154	70	MARKER
O3461	Maternal care for abnormality of vagina, first trimester	Diagnosis	ICD-10-CM	6	155	70	MARKER
O3471	Maternal care for abnormality of vulva and perineum, first trimester	Diagnosis	ICD-10-CM	6	156	70	MARKER
O3481	Maternal care for other abnormalities of pelvic organs, first trimester	Diagnosis	ICD-10-CM	6	157	70	MARKER
O3491	Maternal care for abnormality of pelvic organ, unspecified, first trimester	Diagnosis	ICD-10-CM	6	158	70	MARKER
O360110	Maternal care for anti-D [Rh] antibodies, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	159	70	MARKER
O360111	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	160	70	MARKER
O360112	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	161	70	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O360113	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	162	70	MARKER
O360114	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	163	70	MARKER
O360115	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	164	70	MARKER
O360119	Maternal care for anti-D [Rh] antibodies, first trimester, other fetus	Diagnosis	ICD-10-CM	6	165	70	MARKER
O360910	Maternal care for other rhesus isoimmunization, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	166	70	MARKER
O360911	Maternal care for other rhesus isoimmunization, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	167	70	MARKER
O360912	Maternal care for other rhesus isoimmunization, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	168	70	MARKER
O360913	Maternal care for other rhesus isoimmunization, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	169	70	MARKER
O360914	Maternal care for other rhesus isoimmunization, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	170	70	MARKER
O360915	Maternal care for other rhesus isoimmunization, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	171	70	MARKER
O360919	Maternal care for other rhesus isoimmunization, first trimester, other fetus	Diagnosis	ICD-10-CM	6	172	70	MARKER
O361110	Maternal care for Anti-A sensitization, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	173	70	MARKER
O361111	Maternal care for Anti-A sensitization, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	174	70	MARKER
O361112	Maternal care for Anti-A sensitization, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	175	70	MARKER
O361113	Maternal care for Anti-A sensitization, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	176	70	MARKER
O361114	Maternal care for Anti-A sensitization, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	177	70	MARKER
O361115	Maternal care for Anti-A sensitization, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	178	70	MARKER
O361119	Maternal care for Anti-A sensitization, first trimester, other fetus	Diagnosis	ICD-10-CM	6	179	70	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O361910	Maternal care for other isoimmunization, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	180	70	MARKER
O361911	Maternal care for other isoimmunization, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	181	70	MARKER
O361912	Maternal care for other isoimmunization, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	182	70	MARKER
O361913	Maternal care for other isoimmunization, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	183	70	MARKER
O361914	Maternal care for other isoimmunization, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	184	70	MARKER
O361915	Maternal care for other isoimmunization, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	185	70	MARKER
O361919	Maternal care for other isoimmunization, first trimester, other fetus	Diagnosis	ICD-10-CM	6	186	70	MARKER
O3621X0	Maternal care for hydrops fetalis, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	187	70	MARKER
O3621X1	Maternal care for hydrops fetalis, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	188	70	MARKER
O3621X2	Maternal care for hydrops fetalis, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	189	70	MARKER
O3621X3	Maternal care for hydrops fetalis, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	190	70	MARKER
O3621X4	Maternal care for hydrops fetalis, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	191	70	MARKER
O3621X5	Maternal care for hydrops fetalis, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	192	70	MARKER
O3621X9	Maternal care for hydrops fetalis, first trimester, other fetus	Diagnosis	ICD-10-CM	6	193	70	MARKER
O365110	Maternal care for known or suspected placental insufficiency, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	194	70	MARKER
O365111	Maternal care for known or suspected placental insufficiency, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	195	70	MARKER
O365112	Maternal care for known or suspected placental insufficiency, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	196	70	MARKER
O365113	Maternal care for known or suspected placental insufficiency, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	197	70	MARKER
O365114	Maternal care for known or suspected placental insufficiency, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	198	70	MARKER

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

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O365115	Maternal care for known or suspected placental insufficiency, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	199	70	MARKER
O365119	Maternal care for known or suspected placental insufficiency, first trimester, other fetus	Diagnosis	ICD-10-CM	6	200	70	MARKER
O365910	Maternal care for other known or suspected poor fetal growth, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	201	70	MARKER
O365911	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	202	70	MARKER
O365912	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	203	70	MARKER
O365913	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	204	70	MARKER
O365914	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	205	70	MARKER
O365915	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	206	70	MARKER
O365919	Maternal care for other known or suspected poor fetal growth, first trimester, other fetus	Diagnosis	ICD-10-CM	6	207	70	MARKER
O3661X0	Maternal care for excessive fetal growth, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	208	70	MARKER
O3661X1	Maternal care for excessive fetal growth, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	209	70	MARKER
O3661X2	Maternal care for excessive fetal growth, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	210	70	MARKER
O3661X3	Maternal care for excessive fetal growth, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	211	70	MARKER
O3661X4	Maternal care for excessive fetal growth, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	212	70	MARKER
O3661X5	Maternal care for excessive fetal growth, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	213	70	MARKER
O3661X9	Maternal care for excessive fetal growth, first trimester, other fetus	Diagnosis	ICD-10-CM	6	214	70	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O3671X0	Maternal care for viable fetus in abdominal pregnancy, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	215	70	MARKER
O3671X1	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	216	70	MARKER
O3671X2	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	217	70	MARKER
O3671X3	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	218	70	MARKER
O3671X4	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	219	70	MARKER
O3671X5	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	220	70	MARKER
O3671X9	Maternal care for viable fetus in abdominal pregnancy, first trimester, other fetus	Diagnosis	ICD-10-CM	6	221	70	MARKER
O368210	Fetal anemia and thrombocytopenia, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	222	70	MARKER
O368211	Fetal anemia and thrombocytopenia, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	223	70	MARKER
O368212	Fetal anemia and thrombocytopenia, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	224	70	MARKER
O368213	Fetal anemia and thrombocytopenia, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	225	70	MARKER
O368214	Fetal anemia and thrombocytopenia, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	226	70	MARKER
O368215	Fetal anemia and thrombocytopenia, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	227	70	MARKER
O368219	Fetal anemia and thrombocytopenia, first trimester, other fetus	Diagnosis	ICD-10-CM	6	228	70	MARKER
O368910	Maternal care for other specified fetal problems, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	229	70	MARKER
O368911	Maternal care for other specified fetal problems, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	230	70	MARKER
O368912	Maternal care for other specified fetal problems, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	231	70	MARKER
O368913	Maternal care for other specified fetal problems, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	232	70	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O368914	Maternal care for other specified fetal problems, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	233	70	MARKER
O368915	Maternal care for other specified fetal problems, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	234	70	MARKER
O368919	Maternal care for other specified fetal problems, first trimester, other fetus	Diagnosis	ICD-10-CM	6	235	70	MARKER
O3691X0	Maternal care for fetal problem, unspecified, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	236	70	MARKER
O3691X1	Maternal care for fetal problem, unspecified, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	237	70	MARKER
O3691X2	Maternal care for fetal problem, unspecified, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	238	70	MARKER
O3691X3	Maternal care for fetal problem, unspecified, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	239	70	MARKER
O3691X4	Maternal care for fetal problem, unspecified, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	240	70	MARKER
O3691X5	Maternal care for fetal problem, unspecified, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	241	70	MARKER
O3691X9	Maternal care for fetal problem, unspecified, first trimester, other fetus	Diagnosis	ICD-10-CM	6	242	70	MARKER
O401XX0	Polyhydramnios, first trimester, not applicable or	Diagnosis	ICD-10-CM	6	243	70	MARKER
O401XX1	Polyhydramnios, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	244	70	MARKER
O401XX2	Polyhydramnios, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	245	70	MARKER
O401XX3	Polyhydramnios, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	246	70	MARKER
O401XX4	Polyhydramnios, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	247	70	MARKER
O401XX5	Polyhydramnios, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	248	70	MARKER
O401XX9	Polyhydramnios, first trimester, other fetus	Diagnosis	ICD-10-CM	6	249	70	MARKER
O4101X0	Oligohydramnios, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	250	70	MARKER
O4101X1	Oligohydramnios, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	251	70	MARKER
O4101X2	Oligohydramnios, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	252	70	MARKER
O4101X3	Oligohydramnios, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	253	70	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O4101X4	Oligohydramnios, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	254	70	MARKER
O4101X5	Oligohydramnios, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	255	70	MARKER
O4101X9	Oligohydramnios, first trimester, other fetus	Diagnosis	ICD-10-CM	6	256	70	MARKER
O411010	Infection of amniotic sac and membranes, unspecified, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	257	70	MARKER
O411011	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	258	70	MARKER
O411012	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	259	70	MARKER
O411013	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	260	70	MARKER
O411014	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	261	70	MARKER
O411015	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	262	70	MARKER
O411019	Infection of amniotic sac and membranes, unspecified, first trimester, other fetus	Diagnosis	ICD-10-CM	6	263	70	MARKER
O411210	Chorioamnionitis, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	264	70	MARKER
O411211	Chorioamnionitis, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	265	70	MARKER
O411212	Chorioamnionitis, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	266	70	MARKER
O411213	Chorioamnionitis, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	267	70	MARKER
O411214	Chorioamnionitis, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	268	70	MARKER
O411215	Chorioamnionitis, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	269	70	MARKER
O411219	Chorioamnionitis, first trimester, other fetus	Diagnosis	ICD-10-CM	6	270	70	MARKER
O411410	Placentitis, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	271	70	MARKER
O411411	Placentitis, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	272	70	MARKER
O411412	Placentitis, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	273	70	MARKER
O411413	Placentitis, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	274	70	MARKER
O411414	Placentitis, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	275	70	MARKER
O411415	Placentitis, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	276	70	MARKER
O411419	Placentitis, first trimester, other fetus	Diagnosis	ICD-10-CM	6	277	70	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O418X10	Other specified disorders of amniotic fluid and membranes, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	278	70	MARKER
O418X11	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	279	70	MARKER
O418X12	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	280	70	MARKER
O418X13	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	281	70	MARKER
O418X14	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	282	70	MARKER
O418X15	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	283	70	MARKER
O418X19	Other specified disorders of amniotic fluid and membranes, first trimester, other fetus	Diagnosis	ICD-10-CM	6	284	70	MARKER
O4191X0	Disorder of amniotic fluid and membranes, unspecified, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	6	285	70	MARKER
O4191X1	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 1	Diagnosis	ICD-10-CM	6	286	70	MARKER
O4191X2	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 2	Diagnosis	ICD-10-CM	6	287	70	MARKER
O4191X3	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 3	Diagnosis	ICD-10-CM	6	288	70	MARKER
O4191X4	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 4	Diagnosis	ICD-10-CM	6	289	70	MARKER
O4191X5	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 5	Diagnosis	ICD-10-CM	6	290	70	MARKER
O4191X9	Disorder of amniotic fluid and membranes, unspecified, first trimester, other fetus	Diagnosis	ICD-10-CM	6	291	70	MARKER
O43011	Fetomaternal placental transfusion syndrome, first trimester	Diagnosis	ICD-10-CM	6	292	70	MARKER
O43021	Fetus-to-fetus placental transfusion syndrome, first	Diagnosis	ICD-10-CM	6	293	70	MARKER
O43101	Malformation of placenta, unspecified, first trimester	Diagnosis	ICD-10-CM	6	294	70	MARKER
O43111	Circumvallate placenta, first trimester	Diagnosis	ICD-10-CM	6	295	70	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O43121	Velamentous insertion of umbilical cord, first trimester	Diagnosis	ICD-10-CM	6	296	70	MARKER
O43191	Other malformation of placenta, first trimester	Diagnosis	ICD-10-CM	6	297	70	MARKER
O43211	Placenta accreta, first trimester	Diagnosis	ICD-10-CM	6	298	70	MARKER
O43221	Placenta increta, first trimester	Diagnosis	ICD-10-CM	6	299	70	MARKER
O43231	Placenta percreta, first trimester	Diagnosis	ICD-10-CM	6	300	70	MARKER
O43811	Placental infarction, first trimester	Diagnosis	ICD-10-CM	6	301	70	MARKER
O43891	Other placental disorders, first trimester	Diagnosis	ICD-10-CM	6	302	70	MARKER
O4391	Unspecified placental disorder, first trimester	Diagnosis	ICD-10-CM	6	303	70	MARKER
O4401	Complete placenta previa NOS or without hemorrhage, first trimester	Diagnosis	ICD-10-CM	6	304	70	MARKER
O4411	Complete placenta previa with hemorrhage, first trimester	Diagnosis	ICD-10-CM	6	305	70	MARKER
O4421	Partial placenta previa NOS or without hemorrhage, first trimester	Diagnosis	ICD-10-CM	6	306	70	MARKER
O4431	Partial placenta previa with hemorrhage, first trimester	Diagnosis	ICD-10-CM	6	307	70	MARKER
O4441	Low lying placenta NOS or without hemorrhage, first trimester	Diagnosis	ICD-10-CM	6	308	70	MARKER
O4451	Low lying placenta with hemorrhage, first trimester	Diagnosis	ICD-10-CM	6	309	70	MARKER
O45001	Premature separation of placenta with coagulation defect, unspecified, first trimester	Diagnosis	ICD-10-CM	6	310	70	MARKER
O45011	Premature separation of placenta with afibrinogenemia, first trimester	Diagnosis	ICD-10-CM	6	311	70	MARKER
O45021	Premature separation of placenta with disseminated intravascular coagulation, first trimester	Diagnosis	ICD-10-CM	6	312	70	MARKER
O45091	Premature separation of placenta with other coagulation defect, first trimester	Diagnosis	ICD-10-CM	6	313	70	MARKER
O458X1	Other premature separation of placenta, first trimester	Diagnosis	ICD-10-CM	6	314	70	MARKER
O4591	Premature separation of placenta, unspecified, first	Diagnosis	ICD-10-CM	6	315	70	MARKER
O46001	Antepartum hemorrhage with coagulation defect, unspecified, first trimester	Diagnosis	ICD-10-CM	6	316	70	MARKER
O46011	Antepartum hemorrhage with afibrinogenemia, first trimester	Diagnosis	ICD-10-CM	6	317	70	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O46021	Antepartum hemorrhage with disseminated intravascular coagulation, first trimester	Diagnosis	ICD-10-CM	6	318	70	MARKER
O46091	Antepartum hemorrhage with other coagulation defect, first trimester	Diagnosis	ICD-10-CM	6	319	70	MARKER
O468X1	Other antepartum hemorrhage, first trimester	Diagnosis	ICD-10-CM	6	320	70	MARKER
O4691	Antepartum hemorrhage, unspecified, first trimester	Diagnosis	ICD-10-CM	6	321	70	MARKER
O88011	Air embolism in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	322	70	MARKER
O88111	Amniotic fluid embolism in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	323	70	MARKER
O88211	Thromboembolism in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	324	70	MARKER
O88311	Pyemic and septic embolism in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	325	70	MARKER
O88811	Other embolism in pregnancy, first trimester	Diagnosis	ICD-10-CM	6	326	70	MARKER
O91011	Infection of nipple associated with pregnancy, first trimester	Diagnosis	ICD-10-CM	6	327	70	MARKER
O91111	Abscess of breast associated with pregnancy, first trimester	Diagnosis	ICD-10-CM	6	328	70	MARKER
O91211	Nonpurulent mastitis associated with pregnancy, first trimester	Diagnosis	ICD-10-CM	6	329	70	MARKER
O92011	Retracted nipple associated with pregnancy, first trimester	Diagnosis	ICD-10-CM	6	330	70	MARKER
O92111	Cracked nipple associated with pregnancy, first trimester	Diagnosis	ICD-10-CM	6	331	70	MARKER
O98011	Tuberculosis complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	332	70	MARKER
O98111	Syphilis complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	333	70	MARKER
O98211	Gonorrhea complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	334	70	MARKER
O98311	Other infections with a predominantly sexual mode of transmission complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	335	70	MARKER
O98411	Viral hepatitis complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	336	70	MARKER
O98511	Other viral diseases complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	337	70	MARKER
O98611	Protozoal diseases complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	338	70	MARKER
O98711	Human immunodeficiency virus [HIV] disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	339	70	MARKER
O98811	Other maternal infectious and parasitic diseases complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	340	70	MARKER
O98911	Unspecified maternal infectious and parasitic disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	341	70	MARKER
O99011	Anemia complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	342	70	MARKER

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
O99111	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	343	70	MARKER
O99211	Obesity complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	344	70	MARKER
O99281	Endocrine, nutritional and metabolic diseases complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	345	70	MARKER
O99311	Alcohol use complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	346	70	MARKER
O99321	Drug use complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	347	70	MARKER
O99331	Smoking (tobacco) complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	348	70	MARKER
O99341	Other mental disorders complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	349	70	MARKER
O99351	Diseases of the nervous system complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	350	70	MARKER
O99411	Diseases of the circulatory system complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	351	70	MARKER
O99511	Diseases of the respiratory system complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	352	70	MARKER
O99611	Diseases of the digestive system complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	353	70	MARKER
O99711	Diseases of the skin and subcutaneous tissue complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	354	70	MARKER
O99841	Bariatric surgery status complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	355	70	MARKER
O9A111	Malignant neoplasm complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	356	70	MARKER
O9A211	Injury, poisoning and certain other consequences of external causes complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	357	70	MARKER
O9A311	Physical abuse complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	358	70	MARKER
O9A411	Sexual abuse complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	359	70	MARKER
O9A511	Psychological abuse complicating pregnancy, first trimester	Diagnosis	ICD-10-CM	6	360	70	MARKER
Z3401	Encounter for supervision of normal first pregnancy, first trimester	Diagnosis	ICD-10-CM	6	361	70	MARKER

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

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
Z3481	Encounter for supervision of other normal pregnancy, first trimester	Diagnosis	ICD-10-CM	6	362	70	MARKER
Z3491	Encounter for supervision of normal pregnancy, unspecified, first trimester	Diagnosis	ICD-10-CM	6	363	70	MARKER
O6010X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	7	1	245	OUTCOME
O6010X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	7	2	245	OUTCOME
O6010X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	7	3	245	OUTCOME
O6010X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	7	4	245	OUTCOME
O6010X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	7	5	245	OUTCOME
O6010X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	7	6	245	OUTCOME
O6010X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	7	7	245	OUTCOME
O42019	Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, unspecified trimester	Diagnosis	ICD-10-CM	7	8	245	OUTCOME
O42119	Preterm premature rupture of membranes, onset of labor more than 24 hours following rupture, unspecified trimester	Diagnosis	ICD-10-CM	7	9	245	OUTCOME
O42919	Preterm premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, unspecified trimester	Diagnosis	ICD-10-CM	7	10	245	OUTCOME
P0718	Other low birth weight newborn, 2000-2499 grams	Diagnosis	ICD-10-CM	8	1	238	OUTCOME
P0717	Other low birth weight newborn, 1750-1999 grams	Diagnosis	ICD-10-CM	8	2	224	OUTCOME
P0716	Other low birth weight newborn, 1500-1749 grams	Diagnosis	ICD-10-CM	8	3	217	OUTCOME
P0715	Other low birth weight newborn, 1250-1499 grams	Diagnosis	ICD-10-CM	8	4	210	OUTCOME
P0714	Other low birth weight newborn, 1000-1249 grams	Diagnosis	ICD-10-CM	8	5	203	OUTCOME
P0710	Other low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM	8	6	154	OUTCOME
P0703	Extremely low birth weight newborn, 750-999 grams	Diagnosis	ICD-10-CM	8	7	189	OUTCOME

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

Code	Description	Code Category	Code Type	MPriority	CPriority	Pregnancy Duration	Duration Anchor
P0702	Extremely low birth weight newborn, 500-749 grams	Diagnosis	ICD-10-CM	8	8	175	OUTCOME
P0700	Extremely low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM	8	9	154	OUTCOME
P0701	Extremely low birth weight newborn, less than 500 grams	Diagnosis	ICD-10-CM	8	9	154	OUTCOME

Appendix D. List of Non-Proprietary Names Used to Define Medical Product Exposures in this Request

Generic Name
Abacavir
abacavir sulfate
abacavir sulfate/dolutegravir sodium/lamivudine
abacavir sulfate/lamivudine
abacavir sulfate/lamivudine/zidovudine
Adalimumab
adalimumab
adalimumab-aacf
adalimumab-aaty
adalimumab-adaz
adalimumab-adbm
adalimumab-afzb
adalimumab-aqvh
adalimumab-atto
adalimumab-bwwd
adalimumab-fkjp
Amlodipine
aliskiren hemifumarate/amlodipine besylate
aliskiren hemifumarate/amlodipine/hydrochlorothiazide
amlodipine benzoate
amlodipine besylate
amlodipine besylate/atorvastatin calcium
amlodipine besylate/benazepril HCl
amlodipine besylate/celecoxib
amlodipine besylate/olmesartan medoxomil
amlodipine besylate/valsartan
amlodipine besylate/valsartan/hydrochlorothiazide
olmesartan medoxomil/amlodipine besylate/hydrochlorothiazide
perindopril arginine/amlodipine besylate
telmisartan/amlodipine besylate
Amoxicillin
amoxicillin
amoxicillin/potassium clavulanate
lansoprazole/amoxicillin trihydrate/clarithromycin
omeprazole magnesium/amoxicillin trihydrate/rifabutin
omeprazole/clarithromycin/amoxicillin trihydrate
vonoprazan fumarate/amoxicillin trihydrate
vonoprazan fumarate/amoxicillin trihydrate/clarithromycin
Anakinra
anakinra
Atazanavir
atazanavir sulfate
atazanavir sulfate/cobicistat
Atorvastatin
amlodipine besylate/atorvastatin calcium
atorvastatin calcium
ezetimibe/atorvastatin calcium
Betamethasone

Generic Name
betamethasone
betamethasone acetate and sodium phos in sterile water/PF
betamethasone acetate and sodium phosph/norflurane/HFC 245fa
betamethasone acetate, micronized
betamethasone acetate/betamethasone sodium phosphate
betamethasone acetate/betamethasone sodium phosphate/water
betamethasone dipropionate
betamethasone dipropionate/propylene glycol
betamethasone sodium phos/chondroitin sulfate A sodium/PF
betamethasone sodium phosph in sterile water for injection
betamethasone sodium phosphate
betamethasone valerate
calcipotriene/betamethasone dipropionate
clotrimazole/betamethasone dipropionate
clotrimazole/betamethasone dipropionate/zinc oxide
minoxidil/betamethasone dipropionate
minoxidil/betamethasone/pentoxifylline/niacinamide
Bismuth
bismuth citrate
bismuth subcarbonate
bismuth subgallate
bismuth subnitrate
bismuth subsalicylate
bismuth subsalicylate/metronidazole/tetracycline HCl
bismuth tribromophenate
bismuth tribromophenate/petrolatum,white
colloidal bismuth subcitrate/metronidazole/tetracycline HCl
Budesonide
albuterol sulfate/budesonide
budesonide
budesonide, micronized
budesonide/formoterol fumarate
budesonide/glycopyrrolate/formoterol fumarate
Buprenorphine
buprenorphine
buprenorphine HCl
buprenorphine HCl/naloxone HCl
Bupropion
bupropion HBr
bupropion HCl
bupropion HCl/dietary supplement combination no.15
bupropion HCl/dietary supplement combination no.16
dextromethorphan HBr/bupropion HCl
naltrexone HCl/bupropion HCl
Butalbital
butalbital
butalbital/acetaminophen
butalbital/acetaminophen/caffeine

Generic Name
butalbital/acetaminophen/caffeine/codeine phosphate
butalbital/aspirin/caffeine
codeine phosphate/butalbital/aspirin/caffeine
Cabotegravir
cabotegravir
cabotegravir sodium
cabotegravir/rilpivirine
Calcipotriene
calcipotriene
calcipotriene monohydrate
calcipotriene/betamethasone dipropionate
calcipotriene/dimethicone
calcipotriene/niacinamide
calcipotriene/transparent dressing
clobetasol propionate/calcipotriene
Carbamazepine
carbamazepine
Ciprofloxacin
ciprofloxacin
ciprofloxacin HCl
ciprofloxacin HCl/dexamethasone
ciprofloxacin HCl/fluocinolone acetonide
ciprofloxacin HCl/hydrocortisone
ciprofloxacin lactate
ciprofloxacin lactate/dextrose 5 % in water
ciprofloxacin/ciprofloxacin HCl
Clarithromycin
clarithromycin
lansoprazole/amoxicillin trihydrate/clarithromycin
omeprazole/clarithromycin/amoxicillin trihydrate
vonoprazan fumarate/amoxicillin trihydrate/clarithromycin
Clobazam
clobazam
Clobetasol
ciclopirox olamine/clobetasol propionate
ciclopirox olamine/clobetasol propionate/salicylic acid
clobetasol propionate
clobetasol propionate/calcipotriene
clobetasol propionate/coal tar
clobetasol propionate/desloratadine
clobetasol propionate/emollient base
clobetasol propionate/emollient combination no.65
clobetasol propionate/gauze bandage/silicone, adhesive
clobetasol propionate/hydrocolloid dressing
clobetasol propionate/levocetirizine dihydrochloride
clobetasol propionate/niacinamide
clobetasol propionate/skin cleanser combination no.28
Cobicistat

Appendix D. List of Non-Proprietary Names Used to Define Medical Product Exposures in this Request

Generic Name
atazanavir sulfate/cobicistat
cobicistat
darunavir eth/cobicistat/emtricitabine/tenofovir alafenamide
darunavir ethanolate/cobicistat
elvitegravir/cobicistat/emtricitabine/tenofovir alafenamide
elvitegravir/cobicistat/emtricitabine/tenofovir disoproxil

Codeine
Chlorpheniramine Maleate/Codeine Phosphate/Acetaminophen
Pyrilamine Maleate/Phenylephrine HCl/Codeine Phosphate
acetaminophen with codeine phosphate
aspirin/codeine phosphate
brompheniramine maleate/codeine phosphate
brompheniramine maleate/phenylephrine HCl/codeine phosphate
brompheniramine maleate/pseudoephedrine HCl/codeine phosphat
butalbital/acetaminophen/caffeine/codeine phosphate
carisoprodol/aspirin/codeine phosphate
chlorcyclizine HCl/codeine phosphate
chlorcyclizine HCl/pseudoephedrine HCl/codeine phosphate
chlorpheniramine maleate/codeine phosphate
codeine phosphate
codeine phosphate/butalbital/aspirin/caffeine
codeine phosphate/guaifenesin
codeine polistirex/chlorpheniramine polistirex
codeine sulfate
dexchlorpheniramine maleate/phenylephrine HCl/codeine
diphenhydramine HCl/phenylephrine HCl/codeine phosphate
phenylephrine HCl/codeine phosphate/acetaminophen/guaifen
phenylephrine HCl/codeine phosphate/guaifenesin
phenylephrine HCl/codeine/chlorpheniramine/potassium iodide
promethazine HCl/codeine
promethazine/phenylephrine HCl/codeine
pseudoephedrine HCl/codeine phosphate
pseudoephedrine HCl/codeine phosphate/acetaminophen/guaifen
pseudoephedrine HCl/codeine phosphate/guaifenesin
pseudoephedrine HCl/codeine/chlorpheniramine

Copper Form IUD
copper

Darunavir
darunavir eth/cobicistat/emtricitabine/tenofovir alafenamide
darunavir ethanolate
darunavir ethanolate/cobicistat

Decitabine
decitabine
decitabine/cedazuridine

Deferiprone
deferiprone

Deflazacort
deflazacort

Generic Name
Desoximetasone
desoximetasone
desoximetasone, micronized
desoximetasone/niacinamide
Desvenlafaxine
desvenlafaxine
desvenlafaxine fumarate
desvenlafaxine succinate
Diazepam
diazepam
Didanosine
didanosine
didanosine/calcium carbonate/magnesium
Divalproex Valproic
divalproex sodium
valproic acid
valproic acid (as sodium salt) (valproate sodium)
Dolutegravir
abacavir sulfate/dolutegravir sodium/lamivudine
dolutegravir sodium
dolutegravir sodium/lamivudine
dolutegravir sodium/rilpivirine HCl
Duloxetine
duloxetine HCl
duloxetine HCl/lidocaine HCl
Dutasteride
dutasteride
dutasteride/tamsulosin HCl
Eculizumab
eculizumab
Efavirenz
efavirenz
efavirenz/emtricitabine/tenofovir disoproxil fumarate
efavirenz/lamivudine/tenofovir disoproxil fumarate
Elagolix
elagolix sodium
elagolix sodium/estradiol/norethindrone acetate
Elvitegravir
elvitegravir
elvitegravir/cobicistat/emtricitabine/tenofovir alafenamide
elvitegravir/cobicistat/emtricitabine/tenofovir disoproxil
Emtricitabine
bictegravir sodium/emtricitabine/tenofovir alafenamide fumar
darunavir eth/cobicistat/emtricitabine/tenofovir alafenamide
efavirenz/emtricitabine/tenofovir disoproxil fumarate
elvitegravir/cobicistat/emtricitabine/tenofovir alafenamide
elvitegravir/cobicistat/emtricitabine/tenofovir disoproxil
emtricitabine

Generic Name
emtricitabine/rilpivirine HCl/tenofovir alafenamide fumarate
emtricitabine/rilpivirine HCl/tenofovir disoproxil fumarate
emtricitabine/tenofovir alafenamide fumarate
emtricitabine/tenofovir disoproxil fumarate
Enoxaparin
enoxaparin sodium
Etanercept
etanercept
Etravirine
etravirine
Ezetimibe
bempedoic acid/ezetimibe
ezetimibe
ezetimibe/atorvastatin calcium
ezetimibe/rosuvastatin calcium
ezetimibe/simvastatin
Finasteride
finasteride
finasteride/tadalafil
minoxidil/finasteride
minoxidil/finasteride/dexamethasone/tretinoin
minoxidil/finasteride/tretinoin
Fludeoxyglucose
fludeoxyglucose F-18
Fluoxetine
fluoxetine
fluoxetine HCl
fluoxetine HCl/dietary supplement no.17
fluoxetine HCl/dietary supplement no.8
olanzapine/fluoxetine HCl
Fondaparinux
fondaparinux sodium
Formoterol
aclidinium bromide/formoterol fumarate
budesonide/formoterol fumarate
budesonide/glycopyrrolate/formoterol fumarate
formoterol fumarate
formoterol fumarate dihydrate, micronized
glycopyrrolate/formoterol fumarate
mometasone furoate/formoterol fumarate
Fosamprenavir
fosamprenavir calcium
Fosphenytoin
fosphenytoin sodium
Halobetasol
halobetasol propionate
halobetasol propionate/ammonium lactate
halobetasol propionate/lactic acid

Generic Name
halobetasol propionate/tazarotene
Hydrochlorothiazide
aliskiren hemifumarate/amlodipine/hydrochlorothiazide
aliskiren hemifumarate/hydrochlorothiazide
amiloride HCl/hydrochlorothiazide
amlodipine besylate/valsartan/hydrochlorothiazide
benazepril HCl/hydrochlorothiazide
bisoprolol fumarate/hydrochlorothiazide
candesartan cilexetil/hydrochlorothiazide
captopril/hydrochlorothiazide
enalapril maleate/hydrochlorothiazide
eprosartan mesylate/hydrochlorothiazide
fosinopril sodium/hydrochlorothiazide
hydralazine HCl/hydrochlorothiazide
hydrochlorothiazide
irbesartan/hydrochlorothiazide
lisinopril/hydrochlorothiazide
losartan potassium/hydrochlorothiazide
methyldopa/hydrochlorothiazide
metoprolol succinate/hydrochlorothiazide
metoprolol tartrate/hydrochlorothiazide
moexipril HCl/hydrochlorothiazide
olmesartan medoxomil/amlodipine besylate/hydrochlorothiazide
olmesartan medoxomil/hydrochlorothiazide
propranolol HCl/hydrochlorothiazide
quinapril HCl/hydrochlorothiazide
spironolactone/hydrochlorothiazide
telmisartan/hydrochlorothiazide
triamterene/hydrochlorothiazide
valsartan/hydrochlorothiazide
Hydroxyurea
hydroxyurea
Iodine-131
Tositumomab Iodine-131 (with Maltose)
albumin, iodinated I-131
iobenguane iodine-131
sodium iodide-131
Ioflupane I 123
ioflupane I 123
Itraconazole
ciclopirox olamine/itraconazole/urea
fluconazole/ibuprofen/itraconazole/terbinafine HCl
itraconazole
itraconazole, micronized
Lamivudine
abacavir sulfate/dolutegravir sodium/lamivudine
abacavir sulfate/lamivudine
abacavir sulfate/lamivudine/zidovudine

Appendix D. List of Non-Proprietary Names Used to Define Medical Product Exposures in this Request

Generic Name
dolutegravir sodium/lamivudine
doravirine/lamivudine/tenofovir disoproxil fumarate
efavirenz/lamivudine/tenofovir disoproxil fumarate
lamivudine
lamivudine/tenofovir disoproxil fumarate
lamivudine/zidovudine

Lamotrigine
lamotrigine

Lovastatin
lovastatin
niacin/lovastatin

Methadone
methadone HCl
methadone hydrochloride in 0.9 % sodium chloride

Methotrexate
methotrexate
methotrexate sodium
methotrexate sodium/PF
methotrexate/PF

Metronidazole
bismuth subsalicylate/metronidazole/tetracycline HCl
brimonidine tartrate/ivermectin/metronidazole/niacinamide
colloidal bismuth subcitrate/metronidazole/tetracycline HCl
ivermectin/metronidazole
ivermectin/metronidazole/niacinamide
metronidazole
metronidazole benzoate
metronidazole in sodium chloride
metronidazole, micronized
metronidazole/mupirocin
metronidazole/niacinamide
metronidazole/skin cleanser
metronidazole/skin cleanser combination no.23

Midalozam
midazolam
midazolam HCl
midazolam HCl in 0.9 % sodium chloride
midazolam HCl in 0.9 % sodium chloride/PF
midazolam HCl in 5 % dextrose and water/PF
midazolam HCl in dextrose 5% in water
midazolam HCl/PF
midazolam in sodium chloride, iso-osmotic
midazolam in sodium chloride, iso-osmotic/PF
midazolam/ketamine HCl/ondansetron HCl

Mycophenolate
mycophenolate mofetil
mycophenolate mofetil HCl
mycophenolate sodium

Appendix D. List of Non-Proprietary Names Used to Define Medical Product Exposures in this Request

Generic Name
Naloxone
buprenorphine HCl/naloxone HCl
naloxone HCl
pentazocine HCl/naloxone HCl
Naltrexone
morphine sulfate/naltrexone HCl
naltrexone
naltrexone HCl
naltrexone HCl/bupropion HCl
naltrexone hydrochloride dihydrate
naltrexone microspheres
Naratriptan
naratriptan HCl
Nelifinavir
nelfinavir mesylate
Nevirapine
nevirapine
Olanzapine
olanzapine
olanzapine pamoate
olanzapine/fluoxetine HCl
olanzapine/samidorphan malate
Omalizumab
omalizumab
Ondansetron
Ondansetron HCl in dextrose 5% in water
Ondansetron HCl/Dextrose 5%-Water/PF
midazolam/ketamine HCl/ondansetron HCl
ondansetron
ondansetron HCl
ondansetron HCl in 0.9 % sodium chloride
ondansetron HCl/PF
ondansetron in sodium chloride/PF
Oseltamivir
oseltamivir phosphate
Paliperidone
paliperidone
paliperidone palmitate
Pantoprazole
pantoprazole sodium
Pegvaliase
pegvaliase-pqpz
Phentermine
phentermine HCl
phentermine HCl/topiramate
phentermine resin
Phenytoin
phenytoin

Appendix D. List of Non-Proprietary Names Used to Define Medical Product Exposures in this Request

Generic Name
phenytoin sodium
phenytoin sodium extended

Pitavastatin
pitavastatin calcium
pitavastatin magnesium

Pomalidomide
pomalidomide

Pravastatin
pravastatin sodium

Prednisolone
Prednisolone Sodium Phosphate/Peak Flow Meter
gentamicin sulfate/prednisolone acetate
neomycin sulfate/polymyxin B sulfate/prednisolone
prednisolone
prednisolone acetate
prednisolone acetate, micronized
prednisolone acetate/PF
prednisolone acetate/bromfenac sodium
prednisolone acetate/gatifloxacin
prednisolone acetate/gatifloxacin/bromfenac sodium
prednisolone acetate/gatifloxacin/nepafenac
prednisolone acetate/moxifloxacin HCl
prednisolone acetate/moxifloxacin HCl/bromfenac sodium
prednisolone acetate/moxifloxacin HCl/nepafenac
prednisolone acetate/nepafenac
prednisolone sodium phosphate
prednisolone sodium phosphate/bromfenac sodium
prednisolone sodium phosphate/gatifloxacin
prednisolone sodium phosphate/gatifloxacin/bromfenac sodium
prednisolone sodium phosphate/moxifloxacin HCl
prednisolone sodium phosphate/moxifloxacin HCl/bromfenac sod
prednisolone sodium phosphate/moxifloxacin HCl/bromfenac/PF
prednisolone, micronized
sulfacetamide sodium/prednisolone acetate
sulfacetamide sodium/prednisolone sodium phosphate

Prednisone
prednisone
prednisone micronized

Progesterone
PROGESTERONE
PROGESTERONE,MICRONIZED
estradiol/progesterone
minoxidil/progesterone
minoxidil/progesterone/tretinoin
progesterone
progesterone, micronized

Quinine
quinine HCl dihydrate

Generic Name
quinine sulfate
Raltegravir
raltegravir potassium
Ribavirin
ribavirin
Rifabutin
omeprazole magnesium/amoxicillin trihydrate/rifabutin
rifabutin
Rifapentine
rifapentine
Rilpivirine
cabotegravir/rilpivirine
dolutegravir sodium/rilpivirine HCl
emtricitabine/rilpivirine HCl/tenofovir alafenamide fumarate
emtricitabine/rilpivirine HCl/tenofovir disoproxil fumarate
rilpivirine
rilpivirine HCl
Risperidone
risperidone
risperidone microspheres
Ritonavir
lopinavir/ritonavir
nirmatrelvir/ritonavir
ombitasvir/paritaprevir/ritonavir
ombitasvir/paritaprevir/ritonavir/dasabuvir sodium
ritonavir
Rosuvastatin
ezetimibe/rosuvastatin calcium
rosuvastatin calcium
Saquinavir
saquinavir mesylate
Sertraline
sertraline HCl
Stavudine
stavudine
Sulfamethoxazole
sulfamethoxazole
sulfamethoxazole/trimethoprim
Sumatriptan
sumatriptan
sumatriptan succinate
sumatriptan succinate/menthol/camphor
sumatriptan succinate/naproxen sodium
Tacrolimus
tacrolimus
tacrolimus anhydrous
tacrolimus in vehicle base no.238
tacrolimus, micronized

Appendix D. List of Non-Proprietary Names Used to Define Medical Product Exposures in this Request

Generic Name
tacrolimus/hyaluronate sodium/niacinamide
tacrolimus/niacinamide
Tafamidis
tafamidis
tafamidis meglumine
Tamsulosin
dutasteride/tamsulosin HCl
tamsulosin HCl
Tazarotene
halobetasol propionate/tazarotene
tazarotene
tazarotene/niacinamide
Tenofovir
bictegravir sodium/emtricitabine/tenofovir alafenamide fumar
darunavir eth/cobicistat/emtricitabine/tenofovir alafenamide
doravirine/lamivudine/tenofovir disoproxil fumarate
efavirenz/emtricitabine/tenofovir disoproxil fumarate
efavirenz/lamivudine/tenofovir disoproxil fumarate
elvitegravir/cobicistat/emtricitabine/tenofovir alafenamide
elvitegravir/cobicistat/emtricitabine/tenofovir disoproxil
emtricitabine/rilpivirine HCl/tenofovir alafenamide fumarate
emtricitabine/rilpivirine HCl/tenofovir disoproxil fumarate
emtricitabine/tenofovir alafenamide fumarate
emtricitabine/tenofovir disoproxil fumarate
lamivudine/tenofovir disoproxil fumarate
tenofovir alafenamide
tenofovir disoproxil fumarate
Tetracycline
NYSTATIN/TETRACYCLINE HCL/HYDROCORTISONE/DIPHENHYDRAMINE HCL
bismuth subsalicylate/metronidazole/tetracycline HCl
colloidal bismuth subcitrate/metronidazole/tetracycline HCl
tetracycline
tetracycline HCl
Thalidomide
thalidomide
Tigecycline
tigecycline
Tipranavir
tipranavir
tipranavir/vitamin E TPGS
Topiramate
phentermine HCl/topiramate
topiramate
Tranexamic
tranexamic acid
tranexamic acid in sodium chloride,iso-osmotic
Trimethoprim
polymyxin B sulfate/trimethoprim

Appendix D. List of Non-Proprietary Names Used to Define Medical Product Exposures in this Request

Generic Name
sulfamethoxazole/trimethoprim
trimethoprim
trimethoprim, micronized
Ulipristal
ulipristal acetate
Valacyclovir
valacyclovir HCl
Valsartan
aliskiren/valsartan
amlodipine besylate/valsartan
amlodipine besylate/valsartan/hydrochlorothiazide
nebivolol HCl/valsartan
sacubitril/valsartan
valsartan
valsartan/hydrochlorothiazide
Vancomycin
tobramycin sulfate/vancomycin HCl
vancomycin HCL/balanced salt solution no.2/PF
vancomycin HCl
vancomycin HCl in sterile water
vancomycin HCl in water for injection (PEG-400, NADA)
vancomycin in 0.9 % sodium chloride
vancomycin in 0.9 % sodium chloride/preservative free
vancomycin in 5 % dextrose in water
Varenicline
varenicline tartrate
Vortioxetine
vortioxetine hydrobromide
Warfarin
warfarin sodium
Zidovudine
abacavir sulfate/lamivudine/zidovudine
lamivudine/zidovudine
zidovudine

Appendix E. List of Healthcare Common Procedure Coding System, Level II (HCPCS) Codes Used to Define Medical Product Exposures in this Request

Code	Description	Code Category	Code Type
Adalimumab			
J0135	Injection, adalimumab, 20 mg	Procedure	HCPCS
Q5131	Injection, adalimumab-aacf (Idacio), biosimilar, 20 mg	Procedure	HCPCS
Amoxicillin			
G9313	Amoxicillin, with or without clavulanate, not prescribed as first line antibiotic at the time of diagnosis for documented reason	Procedure	HCPCS
G9314	Amoxicillin, with or without clavulanate, not prescribed as first line antibiotic at the time of diagnosis, reason not given	Procedure	HCPCS
G9315	Amoxicillin, with or without clavulanate, prescribed as a first line antibiotic at the time of diagnosis	Procedure	HCPCS
Betamethasone			
J0702	Injection, betamethasone acetate 3 mg and betamethasone sodium phosphate 3 mg	Procedure	HCPCS
J0704	Injection, betamethasone sodium phosphate, per 4 mg	Procedure	HCPCS
J7624	Betamethasone, inhalation solution, compounded product, administered through DME, unit dose form, per mg	Procedure	HCPCS
Budesonide			
J7626	Budesonide, inhalation solution, FDA-approved final product, noncompounded, administered through DME, unit dose form, up to 0.5 mg	Procedure	HCPCS
J7627	Budesonide, inhalation solution, compounded product, administered through DME, unit dose form, up to 0.5 mg	Procedure	HCPCS
J7633	Budesonide, inhalation solution, FDA-approved final product, noncompounded, administered through DME, concentrated form, per 0.25 mg	Procedure	HCPCS
J7634	Budesonide, inhalation solution, compounded product, administered through DME, concentrated form, per 0.25 mg	Procedure	HCPCS
Buprenorphine			
C9154	Injection, buprenorphine extended-release (Brixadi), 1 mg	Procedure	HCPCS
G2068	Medication assisted treatment, buprenorphine (oral); weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS

Code	Description	Code Category	Code Type
G2069	Medication assisted treatment, buprenorphine (injectable); weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2070	Medication assisted treatment, buprenorphine (implant insertion); weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2072	Medication assisted treatment, buprenorphine (implant insertion and removal); weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2079	Take home supply of buprenorphine (oral); up to 7 additional day supply (provision of the services by a Medicare-enrolled opioid treatment program); list separately in addition to code for primary procedure	Procedure	HCPCS
J0570	Buprenorphine implant, 74.2 mg	Procedure	HCPCS
J0571	Buprenorphine, oral, 1 mg	Procedure	HCPCS
J0572	Buprenorphine/naloxone, oral, less than or equal to 3 mg buprenorphine	Procedure	HCPCS
J0573	Buprenorphine/naloxone, oral, greater than 3 mg, but less than or equal to 6 mg buprenorphine	Procedure	HCPCS
J0574	Buprenorphine/naloxone, oral, greater than 6 mg, but less than or equal to 10 mg buprenorphine	Procedure	HCPCS
J0575	Buprenorphine/naloxone, oral, greater than 10 mg buprenorphine	Procedure	HCPCS
J0592	Injection, buprenorphine HCl, 0.1 mg	Procedure	HCPCS
Q9991	Injection, buprenorphine extended-release (Sublocade), less than or equal to 100 mg	Procedure	HCPCS
Q9992	Injection, buprenorphine extended-release (Sublocade), greater than 100 mg	Procedure	HCPCS
Buproprion			
S0106	Bupropion HCl sustained release tablet, 150 mg, per bottle of 60 tablets	Procedure	HCPCS
Cabotegravir			
C9077	Injection, cabotegravir and rilpivirine, 2 mg/3 mg	Procedure	HCPCS
J0739	Injection, cabotegravir, 1 mg	Procedure	HCPCS
J0741	Injection, cabotegravir and rilpivirine, 2 mg/3 mg	Procedure	HCPCS
Certolizumab Pegol			

Code	Description	Code Category	Code Type
C9249	Injection, certolizumab pegol, 1 mg	Procedure	HCPCS
J0717	Injection, certolizumab pegol, 1 mg (code may be used for Medicare when drug administered under the direct supervision of a physician, not for use when drug is self-administered)	Procedure	HCPCS
J0718	Injection, certolizumab pegol, 1 mg	Procedure	HCPCS
Ciprofloxacin			
C9479	Instillation, ciprofloxacin otic suspension, 6 mg	Procedure	HCPCS
J0744	Injection, ciprofloxacin for intravenous infusion, 200 mg	Procedure	HCPCS
J7342	Instillation, ciprofloxacin otic suspension, 6 mg	Procedure	HCPCS
S0024	Injection, ciprofloxacin, 200 mg	Procedure	HCPCS
Codeine			
J0745	Injection, codeine phosphate, per 30 mg	Procedure	HCPCS
Copper Form IUD			
J7300	Intrauterine copper contraceptive	Procedure	HCPCS
Decitabine			
C9231	Injection, decitabine, per 1 mg	Procedure	HCPCS
J0893	Injection, decitabine (Sun Pharma) not therapeutically equivalent to J0894, 1 mg	Procedure	HCPCS
J0894	Injection, decitabine, 1 mg	Procedure	HCPCS
Diazepam			
J3360	Injection, diazepam, up to 5 mg	Procedure	HCPCS
Didanoside			
S0137	Didanosine (ddI), 25 mg	Procedure	HCPCS
Eculizumab			
C9236	Injection, eculizumab, 10 mg	Procedure	HCPCS
J1300	Injection, eculizumab, 10 mg	Procedure	HCPCS
Enoxaparin			
J1650	Injection, enoxaparin sodium, 10 mg	Procedure	HCPCS
Etanercept			
J1438	Injection, etanercept, 25 mg (code may be used for Medicare when drug administered under the direct supervision of a physician, not for use when drug is self-administered)	Procedure	HCPCS
Finasteride			
S0138	Finasteride, 5 mg	Procedure	HCPCS
Fondaparinux			

Code	Description	Code Category	Code Type
J1652	Injection, fondaparinux sodium, 0.5 mg	Procedure	HCPCS
Formoterol			
J7606	Formoterol fumarate, inhalation solution, FDA-approved final product, noncompounded, administered through DME, unit dose form, 20 mcg	Procedure	HCPCS
J7640	Formoterol, inhalation solution, compounded product, administered through DME, unit dose form, 12 mcg	Procedure	HCPCS
Q4099	Formoterol fumarate,inhalation solution, FDA approved final product, noncompounded, administered through DME, unit dose form, 20 micrograms	Procedure	HCPCS
Fosphenytoin			
Q2009	Injection, fosphenytoin, 50 mg phenytoin equivalent	Procedure	HCPCS
S0078	Injection, fosphenytoin sodium, 750 mg	Procedure	HCPCS
Hydropxyurea			
S0176	Hydroxyurea, oral, 500 mg	Procedure	HCPCS
Iodide 131			
A9517	Iodine I-131 sodium iodide capsule(s), therapeutic, per mCi	Procedure	HCPCS
A9528	Iodine I-131 sodium iodide capsule(s), diagnostic, per mCi	Procedure	HCPCS
A9529	Iodine I-131 sodium iodide solution, diagnostic, per mCi	Procedure	HCPCS
A9530	Iodine I-131 sodium iodide solution, therapeutic, per mCi	Procedure	HCPCS
A9531	Iodine I-131 sodium iodide, diagnostic, per mcCi (up to 100 mcCi)	Procedure	HCPCS
Itraxonazole			
J1835	Injection, itraconazole, 50 mg	Procedure	HCPCS
S0096	Injection, itraconazole, 200 mg	Procedure	HCPCS
Methadone			
G2067	Medication assisted treatment, methadone; weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing, if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2078	Take home supply of methadone; up to 7 additional day supply (provision of the services by a Medicare-enrolled opioid treatment program); list separately in addition to code for primary procedure	Procedure	HCPCS
J1230	Injection, methadone HCl, up to 10 mg	Procedure	HCPCS
S0109	Methadone, oral, 5 mg	Procedure	HCPCS
Methotrexate			

Code	Description	Code Category	Code Type
J8610	Methotrexate, oral, 2.5 mg	Procedure	HCPCS
J9250	Methotrexate sodium, 5 mg	Procedure	HCPCS
J9260	Methotrexate sodium, 50 mg	Procedure	HCPCS
Metronidazole			
J1836	Injection, metronidazole, 10 mg	Procedure	HCPCS
S0030	Injection, metronidazole, 500 mg	Procedure	HCPCS
Midazolam			
J2250	Injection, midazolam HCl, per 1 mg	Procedure	HCPCS
J2251	Injection, midazolam HCl (WG Critical Care) not therapeutically equivalent to J2250, per 1 mg	Procedure	HCPCS
Mycophenolate			
J7517	Mycophenolate mofetil, oral, 250 mg	Procedure	HCPCS
J7519	Injection, mycophenolate mofetil, 10 mg	Procedure	HCPCS
Naloxone			
G1028	Take-home supply of nasal naloxone; 2-pack of 8 mg per 0.1 ml nasal spray (provision of the services by a Medicare-enrolled Opioid Treatment Program); list separately in addition to code for primary procedure	Procedure	HCPCS
G2215	Take home supply of nasal naloxone; 2-pack of 4 mg per 0.1 ml nasal spray (provision of the services by a Medicare-enrolled Opioid Treatment Program); list separately in addition to code for primary procedure	Procedure	HCPCS
G2216	Take home supply of injectable naloxone (provision of the services by a Medicare-enrolled opioid treatment program); list separately in addition to code for primary procedure	Procedure	HCPCS
J0572	Buprenorphine/naloxone, oral, less than or equal to 3 mg buprenorphine	Procedure	HCPCS
J0573	Buprenorphine/naloxone, oral, greater than 3 mg, but less than or equal to 6 mg buprenorphine	Procedure	HCPCS
J0574	Buprenorphine/naloxone, oral, greater than 6 mg, but less than or equal to 10 mg buprenorphine	Procedure	HCPCS
J0575	Buprenorphine/naloxone, oral, greater than 10 mg buprenorphine	Procedure	HCPCS
J2310	Injection, naloxone HCl, per 1 mg	Procedure	HCPCS
J2311	Injection, naloxone HCl (Zimhi), 1 mg	Procedure	HCPCS
Naltrexone			

Code	Description	Code Category	Code Type
G2073	Medication assisted treatment, naltrexone; weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
J2315	Injection, naltrexone, depot form, 1 mg	Procedure	HCPCS
Olanzapine			
J2358	Injection, olanzapine, long-acting, 1 mg	Procedure	HCPCS
J2359	Injection, olanzapine, 0.5 mg	Procedure	HCPCS
S0166	Injection, olanzapine, 2.5 mg	Procedure	HCPCS
Omalizumab			
J2357	Injection, omalizumab, 5 mg	Procedure	HCPCS
Ondansetron			
J2405	Injection, ondansetron HCl, per 1 mg	Procedure	HCPCS
Q0162	Ondansetron 1 mg, oral, FDA-approved prescription antiemetic, for use as a complete therapeutic substitute for an IV antiemetic at the time of chemotherapy treatment, not to exceed a 48-hour dosage regimen	Procedure	HCPCS
Q0179	Ondansetron HCl 8 mg, oral, FDA approved prescription antiemetic, for use as a complete therapeutic substitute for an IV antiemetic at the time of chemotherapy treatment, not to exceed a 48-hour dosage regimen	Procedure	HCPCS
S0119	Ondansetron, oral, 4 mg (for circumstances falling under the Medicare statute, use HCPCS Q code)	Procedure	HCPCS
S0181	Ondansetron HCl, oral, 4 mg (for circumstances falling under the Medicare statute, use Q0179)	Procedure	HCPCS
Oseltamivir			
G9019	Oseltamivir phosphate, oral, per 75 mg (for use in a Medicare-approved demonstration project)	Procedure	HCPCS
G9035	Oseltamivir phosphate, oral, brand, per 75 mg (for use in a Medicare-approved demonstration project)	Procedure	HCPCS
Paliperidone			
C9255	Injection, paliperidone palmitate, 1 mg	Procedure	HCPCS
J2426	Injection, paliperidone palmitate extended release (Invega Sustenna), 1 mg	Procedure	HCPCS
J2427	Injection, paliperidone palmitate extended release (Invega Hafyera or Invega Trinza), 1 mg	Procedure	HCPCS

Code	Description	Code Category	Code Type
	Pantoprazole		
C9113	Injection, pantoprazole sodium, per vial	Procedure	HCPCS
S0164	Injection, pantoprazole sodium, 40 mg	Procedure	HCPCS
	Phenytoin		
J1165	Injection, phenytoin sodium, per 50 mg	Procedure	HCPCS
	Prednisolone		
J2650	Injection, prednisolone acetate, up to 1 ml	Procedure	HCPCS
J7510	Prednisolone, oral, per 5 mg	Procedure	HCPCS
	Progesterone		
J2675	Injection, progesterone, per 50 mg	Procedure	HCPCS
	Rilpivirine		
C9077	Injection, cabotegravir and rilpivirine, 2 mg/3 mg	Procedure	HCPCS
J0741	Injection, cabotegravir and rilpivirine, 2 mg/3 mg	Procedure	HCPCS
	Risperidone		
C9037	Injection, risperidone (Perseris), 0.5 mg	Procedure	HCPCS
C9158	Injection, risperidone, (Uzedy), 1 mg	Procedure	HCPCS
J2794	Injection, risperidone (RISPERDAL CONSTA), 0.5 mg	Procedure	HCPCS
J2798	Injection, risperidone, (Perseris), 0.5 mg	Procedure	HCPCS
S0163	Injection, risperidone, long acting, 12.5 mg	Procedure	HCPCS
	Saquinavir		
S0140	Saquinavir, 200 mg	Procedure	HCPCS
	Sulfamethoxazole		
S0039	Injection, sulfamethoxazole and trimethoprim, 10 ml	Procedure	HCPCS
	Sumatriptan		
J3030	Injection, sumatriptan succinate, 6 mg (Code1 may be used for Medicare when drug administered under the direct supervision of a physician, not for use when drug is self-administered)	Procedure	HCPCS
	Tacrolimus		
J7503	Tacrolimus, extended release, (Envarsus XR), oral, 0.25 mg	Procedure	HCPCS
J7507	Tacrolimus, immediate release, oral, 1 mg	Procedure	HCPCS
J7508	Tacrolimus, extended release, (Astagraf XL), oral, 0.1 mg	Procedure	HCPCS
J7525	Tacrolimus, parenteral, 5 mg	Procedure	HCPCS
	Tetracycline		

Appendix E. List of Healthcare Common Procedure Coding System, Level II (HCPCS) Codes Used to Define Medical Product Exposures in this Request

Code	Description	Code Category	Code Type
J0120	Injection, tetracycline, up to 250 mg	Procedure	HCPCS
Tigecycline			
J3243	Injection, tigecycline, 1 mg	Procedure	HCPCS
J3244	Injection, tigecycline (Accord) not therapeutically equivalent to J3243, 1 mg	Procedure	HCPCS
Trimethoprim			
S0039	Injection, sulfamethoxazole and trimethoprim, 10 ml	Procedure	HCPCS
Vancomycin			
J3370	Injection, vancomycin HCl, 500 mg	Procedure	HCPCS
J3371	Injection, vancomycin HCl (Mylan) not therapeutically equivalent to J3370, 500 mg	Procedure	HCPCS
J3372	Injection, vancomycin HCl (Xellia) not therapeutically equivalent to J3370, 500 mg	Procedure	HCPCS
Zidovudine			
J3485	Injection, zidovudine, 10 mg	Procedure	HCPCS
S0104	Zidovudine, oral, 100 mg	Procedure	HCPCS

Specifications for Type 4 Request: cder_mpl1r_wp267
This request executed the Cohort Identification and Descriptive Analysis (CIDA) Pregnancy tool 13.0.1 to assess medical product utilization of products with labeling changes related to pregnancy among pregnancies that end in live birth delivery in the Sentinel Distributed Database (SDD).

Query period (*bound by the delivery date*): 01/01/2008 - most recent available

Coverage requirement: Medical & Drug Coverage

Pre- estimated pregnancy start enrollment: 0 days

Enrollment requirement: Estimated pregnancy start date until delivery date

Post-delivery enrollment: 0 days

Enrollment gap: 45 days

Age groups (*calculated at delivery date*): 10-17 18-24 25-34 35-44 45-54 years

Sex: Female only

Stratifications: Medical product name and trimester of medical product use

Envelope macro: Reclassify encounters during inpatient stay as inpatient

Freeze data: No

	Pregnancy Episode Creation							Medical Product of Interest (MOI) Exposure Episode Creation				
Scenario	Delivery Definition	Pregnancy Cohort Definition	Delivery Care Setting	Delivery Washout Period	Pre/Post-Term Code Evaluation Window Relative to Delivery Date	Pregnancy Duration in Absence of Gestational Age Markers	Medical Products of Interest (MOI)	Exposure Definition	Incident MOI Washout Period	MOI Episode Gap	Remove MOI on Delivery Date?	Care Setting
1	Live birth delivery pregnancies	Cohort includes all valid pregnancy episodes during the query period	Inpatient hospital stay, any diagnosis position	182	301 days prior to live birth delivery until 7 days after live birth delivery	273 days	See Appendix G	All valid MOI exposure episodes during pregnancy episode	0 days	0 days	Do not exclude MOIs with Adate equivalent to pregnancy delivery date	Any

Appendix F. List of Medical Products of Interest in this Request

Medical Product Number	Medical Product	Value Search
	Medical Products of Interest	
1	abacavir-containing products	abacavir
2	adalimumab-containing products	adalimumab
3	amlodipine-containing products	amlodipine
4	amoxicillin-containing products	amoxicillin
5	anakinra-containing products	anakinra
6	atazanavir-containing products	atazanavir
7	atorvastatin-containing products	atorvastatin
8	betamethasone-containing products	betamethasone
9	bismuth-containing products	bismuth
10	budesonide-containing products	budesonide
11	buprenorphine-containing products	buprenorphine
12	bupropion-containing products	bupropion
13	butalbital-containing products	butalbital
14	cabotegravir-containing products	cabotegravir
15	calcipotriene-containing products	calcipotriene
16	carbamazepine-containing products	carbamazepine
17	certolizumab pegol-containing products	certolizumab pegol
18	ciprofloxacin-containing products	ciprofloxacin
19	clarithromycin-containing products	clarithromycin
20	clobazam-containing products	clobazam
21	clobetasol-containing products	clobetasol
22	cobicistat-containing products	cobicistat
23	codeine-containing products	codeine
24	copper (form-IUD)-containing products	copper (form-IUD)
25	darunavir-containing products	darunavir
26	decitabine-containing products	decitabine
27	deferiprone-containing products	deferiprone
28	deflazacort-containing products	deflazacort
29	desoximetasone-containing products	desoximetasone
30	desvenlafaxine-containing products	desvenlafaxine
31	diazepam-containing products	diazepam
32	didanosine-containing products	didanosine
33	dolutegravir-containing products	dolutegravir

Appendix F. List of Medical Products of Interest in this Request

Medical Product Number	Medical Product	Value Search
34	duloxetine-containing products	duloxetine
35	dutasteride-containing products	dutasteride
36	eculizumab-containing products	eculizumab
37	efavirenz-containing products	efavirenz
38	elagolix-containing products	elagolix
39	elvitegravir-containing products	elvitegravir
40	emtricitabine-containing products	emtricitabine
41	enoxaparin-containing products	enoxaparin
42	etanercept-containing products	etanercept
43	etravirine-containing products	etravirine
44	ezetimibe-containing products	ezetimibe
45	finasteride-containing products	finasteride
46	fludeoxyglucose F-18-containing products	fludeoxyglucose F-18
47	fluoxetine-containing products	fluoxetine
48	fondaparinux-containing products	fondaparinux
49	formoterol-containing products	formoterol
50	fosamprenavir-containing products	fosamprenavir
51	fosphenytoin-containing products	fosphenytoin
52	halobetasol-containing products	halobetasol
53	hydrochlorothiazide-containing products	hydrochlorothiazide
54	hydroxyurea-containing products	hydroxyurea
55	ioflupane I 123-containing products	ioflupane I 123
56	itraconazole-containing products	itraconazole
57	lamivudine-containing products	lamivudine
58	lamotrigine-containing products	lamotrigine
59	lovastatin-containing products	lovastatin
60	methadone-containing products	methadone
61	methotrexate-containing products	methotrexate
62	metronidazole-containing products	metronidazole
63	midazolam-containing products	midazolam
64	mycophenolate-containing products	mycophenolate
65	naloxone-containing products	naloxone
66	naltrexone-containing products	naltrexone
67	naratriptan-containing products	naratriptan
68	nelfinavir-containing products	nelfinavir
69	nevirapine-containing products	nevirapine

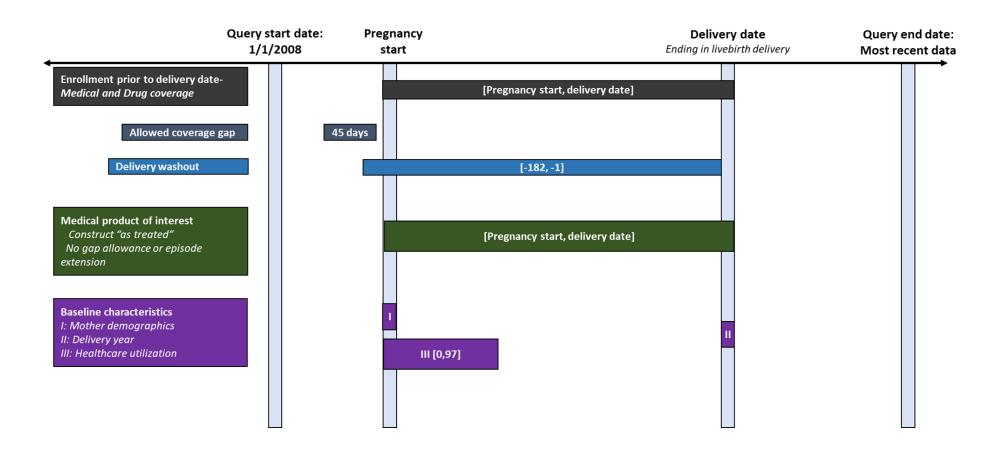**Appendix F. List of Medical Products of Interest in this Request**

Medical Product Number	Medical Product	Value Search
70	olanzapine-containing products	olanzapine
71	omalizumab-containing products	omalizumab
72	ondansetron-containing products	ondansetron
73	oseltamivir-containing products	oseltamivir
74	paliperidone-containing products	paliperidone
75	pantoprazole-containing products	pantoprazole
76	pegvaliase-containing products	pegvaliase
77	phentermine-containing products	phentermine
78	phenytoin-containing products	phenytoin
79	pitavastatin-containing products	pitavastatin
80	pomalidomide-containing products	pomalidomide
81	pravastatin-containing products	pravastatin
82	prednisolone-containing products	prednisolone
83	prednisone-containing products	prednisone
84	progesterone-containing products	progesterone
85	quinine sulfate-containing products	quinine sulfate
86	raltegravir-containing products	raltegravir
87	ribavirin-containing products	ribavirin
88	rifabutin-containing products	rifabutin
89	rifapentine-containing products	rifapentine
90	rilpivirine-containing products	rilpivirine
91	risperidone-containing products	risperidone
92	ritonavir-containing products	ritonavir
93	rosuvastatin-containing products	rosuvastatin
94	saquinavir-containing products	saquinavir
95	sertraline-containing products	sertraline
96	sodium iodide-131-containing products	sodium iodide-131
97	stavudine-containing products	stavudine
98	sulfamethoxazole-containing products	sulfamethoxazole
99	sumatriptan-containing products	sumatriptan
100	tacrolimus-containing products	tacrolimus
101	tafamidis-containing products	tafamidis
102	tamsulosin-containing products	tamsulosin
103	tazarotene-containing products	tazarotene
104	tenofovir-containing products	tenofovir
105	tetracycline-containing products	tetracycline

Appendix F. List of Medical Products of Interest in this Request

Medical Product Number	Medical Product	Value Search
106	thalidomide-containing products	thalidomide
107	tigecycline-containing products	tigecycline
108	tipranavir-containing products	tipranavir
109	topiramate-containing products	topiramate
110	tranexamic acid-containing products	tranexamic acid
111	trimethoprim-containing products	trimethoprim
112	ulipristal-containing products	ulipristal
113	valacyclovir-containing products	valacyclovir
114	valproicrelated-containing products	divalproex OR valproic
115	valsartan-containing products	valsartan
116	vancomycin-containing products	vancomycin
117	varenicline-containing products	varenicline
118	vortioxetine-containing products	vortioxetine
119	warfarin-containing products	warfarin
120	zidovudine-containing products	zidovudine