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_sir_wp013

Request Description: In this report, we performed signal identification for faricimab by monitoring non-pregnancy and non-cancer outcomes among new users of faricimab in the Sentinel Distributed Database (SDD).

Sentinel Routine Querying Module: Cohort Identification and Descriptive Analysis (CIDA) module, version 14.2.0, with the Signal Identification (SI) module.

Data Source: We distributed this query to 13 Sentinel Data Partners on August 19, 2025. The study period included data from January 1, 2022 through April 30, 2025. See Appendix A for a list of dates of available data for each Data Partner.

Study Design: We conducted this signal identification assessment using a self-controlled risk interval design with Tree-Only Scan and Tree-Temporal Scan analyses to identify incident outcomes, and temporal clusters of incident outcomes following initiation of treatment with faricimab. We identified new health outcomes of interest (HOIs) using two hierarchical trees based on International Classification of Diseases, 10th Revision, Clinical Modification (ICD-10-CM) diagnosis codes in the study. We identified all valid episodes of new faricimab use among those aged 18 years or older at the time of treatment initiation (index date) and screened for the occurrence of incident HOIs during pertinent risk and control windows. We created a total of three cohorts; two for the Tree-Only Scan analyses and one for the Tree-Temporal Scan analysis (further details in the Cohort Eligibility Criteria section).

Each Tree-Only Scan analysis used fixed risk window and pre-treatment control window of the same lengths. In the Tree-Only Scan primary analysis, the risk window was from 1 to 28 days post-treatment initiation or index date and the control window was -42 days to -15 days prior to index date. In the Tree-Only Scan sensitivity analysis, the risk window was from 1 to 56 days post-treatment initiation or index date and the control window was -70 days to -15 days prior to index date. The Tree-Temporal Scan analyses had an outcome assessment window of days 1 to 183 post-index date with variable risk and control windows within that period. This is a Type 3 Signal Identification analysis in the Query Request Package (QRP) documentation.

Exposure of Interest: We defined the exposure of interest, faricimab using Healthcare Common Procedure Coding System (HCPCS) codes that were queried in the dispensing and procedure tables in the Sentinel Common Data Model (SCDM) format. All valid and qualifying treatment dispensings and administrations (index exposures) were evaluated; cohort re-entry was allowed. Please refer to Appendix B for non-proprietary and proprietary names of medical products, Appendix C for the lists of HCPCS codes used to define the exposure in this request.

Cohort Eligibility Criteria: We required members to be enrolled in health plans with medical and drug coverage for the following minimum periods prior to the index date: 442 days in the Tree-Only Scan primary analysis cohort, 470 days in the Tree-Only Scan sensitivity analysis cohort, and 400 days in the Tree-Temporal Scan analysis cohort. Gaps in coverage of up to 45 days were allowed and treated as continuous enrollment. The following age groups were included in the cohort: 18-39, 40-64, and 65+ years. We defined incident exposures as those without any evidence of faricimab use in the 365 days before the index date.

We formed three separate cohorts based on the following selection criteria, and pre- and post-index date enrollment requirements. Each individual could contribute one or more exposure episodes to each cohort.

Tree-Only Scan analysis cohorts:
1. Primary: Continuous enrollment required over the period between 442 days before index date and 28 days post-index date [-442, 28]. We excluded exposure episodes with evidence of ongoing pregnancy and live-birth delivery in the [-183, 28] and [-42, 28] days around index date, respectively. We also excluded exposure episodes with inpatient admission in the 14 days prior to the index date (days -14 to 0).

2. Sensitivity: Continuous enrollment required over the period between 470 days before index date and 56 days post-index date [-470, 56]. We excluded exposure episodes with evidence of ongoing pregnancy and live-birth delivery in the [-183, 56] and [-70, 56] days around index date, respectively. Similar to the primary analysis cohort, exposure episodes with inpatient admission in the 14 days prior to the index date (days -14 to 0) were excluded.

Tree-Temporal Scan cohort: Continuous enrollment required over the period between 400 days before index date and 183 days post-index date [-400, 183]. We excluded episodes with evidence of ongoing pregnancy and live-birth delivery in the [-183, 183] and [0, 183] days around index date, respectively.

Exclusion criteria (ongoing pregnancy and live-birth delivery) were defined using Current Procedural Terminology, Fourth Edition (CPT-4), Healthcare Common Procedure Coding System (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) codes. See Appendix D for diagnosis and procedure codes used to define the exclusion criteria.

Baseline Characteristics: We evaluated the following demographic characteristics on the index date: age, sex, race, ethnicity, and year of treatment initiation. We additionally evaluated the following characteristics during days [-400, 0] relative to the index date:

• Indications for faricimab: neovascular age-related macular degeneration (nAMD), diabetic macular edema (DME), and macular edema following retinal vein occlusion (RVO).

• Comorbidities and health characteristics: acute myocardial infarction, atrial fibrillation, cataract, diabetes, glaucoma, heart failure, hypertension, ischemic heart disease, stroke/transient ischemic attack, and benign prostatic hyperplasia.

• Intravitreal anti-vascular endothelial growth factor (anti-VEGF) treatment: aflibercept, bevacizumab, ranibizumab, brolucizumab, any intravitreal anti-VEGF treatment.

• Metrics of health services utilization, drug utilization, and Charlson/Elixhauser combined comorbidity score[1].

Please see Appendix E for a list of ICD-10-CM diagnosis codes, and Appendix F for the lists of non-proprietary and proprietary names and appendix G for the list of HCPCS codes used to define baseline characteristics in this request.

Outcome Assessment via Signal Identification: We evaluated new HOIs using two hierarchical trees based on ICD-10-CM diagnosis codes.

1) Standard ICD-10 trimmed tree: We trimmed our tree to exclude outcomes that are unlikely to be drug-related (such as those with long induction and latency windows like neoplasms; or those caused by external factors). Chapters beginning with C (neoplasms), D* (neoplasms), O (pregnancy), P (perinatal), Q (congenital malformations), V-Y* were excluded. The asterisk * indicates some exceptions, for example, neoplasms of uncertain behavior of lymphoid, hematopoietic, and related tissue (D47), falls (W00-W19), intentional self-harm (X71-X83) are retained on the tree as they may be related to drug exposures.

2) Designated medical events (DME) tree: The DME tree was constructed by refining the original ICD-10-CM diagnosis codes-based hierarchical tree by retaining only the codes pertinent to the serious and often drug-related events from the FDA's DME list, the European Medical Agency's (EMA) DME list, list of adverse events in the surveillance of COVID-19 mRNA vaccination[2] and other clinically important events such as congestive heart failure. This tree was reviewed by the FDA.
Since the FDA and EMA's DME lists were based on Medical Dictionary for Regulatory Activities or MedDRA Preferred Terms (PT), the terms were first mapped to ICD-10-CM codes and the mapping results were reviewed and confirmed by the FDA.

We identified incident HOIs separately in acute care settings, (i.e., inpatient or emergency department settings only) and in the inpatient, emergency department, or ambulatory settings. An outcome was considered incident if there was no evidence of an outcome with the same first three digits of the ICD-10-CM code in the prior 400 days in any setting. We identified signals in the three cohorts as well as in sub-populations defined by indication (nAMD, DME, and macular edema following RVO), prior evidence of anti-VEGF treatment, and age group on the index exposure date (18-39, 40-64, and 65+ years).

Tree-Based Scan Statistics: Potential signals were identified via the TreeScan™ software (version 2.1.1). TreeScan™ is a data-mining software that implements tree-based scan statistics. The software determined whether there were statistically significant elevations in the frequencies of incident outcomes post-treatment initiation and temporal clustering of outcomes in the post-treatment period after adjusting for multiple testing. For our Tree-Only Scan analyses that compared the incidence of outcomes in post-treatment risk windows with those in pre-treatment control windows, we used a conditional Bernoulli model to calculate the log likelihood ratio for every 3rd-5th level node of the outcome tree. For our Tree-Temporal Scan analyses that identified temporal clusters of incident HOIs in the 183 post-treatment risk window, we used a Tree-Temporal Scan Statistic conditioned on node and time. See Appendices H and I for calculation of test statistics.

Please see Appendices J-O for the specifications of parameters used in this request and design diagrams.

Limitations: Statistical signals identified in these analyses do not imply causal relationships between treatments and outcomes, and require further evaluation. Algorithms to define exposures, outcomes, exclusion criteria, and baseline characteristics 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).

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[1] The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. J Clin Epidemiol. 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. Med Care. 2017;55(12):1046-1051)

[2] Klein NP, Lewis N, Goddard K, Fireman B, Zerbo O, Hanson KE, Donahue JG, Kharbanda EO, Naleway A, Nelson JC, Xu S, Yih WK, Glanz JM, Williams JTB, Hambidge SJ, Lewin BJ, Shimabukuro TT, DeStefano F, Weintraub ES. Surveillance for Adverse Events After COVID-19 mRNA Vaccination. JAMA. 2021 Oct 12;326(14):1390-1399.

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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

*all terms may not be used in this report

Glossary of Terms for Analyses Using Self-Controlled Risk Interval (SCRI) Module*

Analytic Cohort - to be included in the analytic cohort, patients in the exposure cohort must have an incident health outcome of interest (HOI) in the risk or control window and meet all post-exposure enrollment requirements.

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). Along with the Principal Diagnosis Indicator, 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**.**

Cohort Definition (drug/exposure) - indicates how the cohort will be defined: (1) 01: Cohort includes only the first valid incident treatment episode during the duration of the surveillance activity; (2) 02: Cohort includes all valid incident treatment episodes during the duration of the surveillance activity.

Censored at Evidence of Death - indicates if risk and evaluation windows should be censored based on death date. If death and disenrollment occur on the same day, censoring will be attributed to death.

Control Window - the number of days before or after exposure where the patient is considered to not be at risk for the outcome of interest due to the exposure.

Data Partner Data Completeness Date - determined by the surveillance team and may be based on information on specific Sentinel Distributed Database (SDD) table "completeness" from the Data Management and Quality Assurance department.

Episodes - the number of index dates (e.g., date of exposure initiation).

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

Exposure Cohort - to be included in the exposure cohort, patients must have a valid exposure of interest. Valid means that all pre-exposure enrollment, incidence, and inclusion/exclusion criteria specified by the requester are met.

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

Post-Exposure Enrollment Requirement - indicates the number of days of continuous enrollment required from exposure date to whichever is greater: the end of the risk or control window. Longer post-exposure continuous enrollment requirements can also be specified.

Pre-Exposure Enrollment Requirement - indicates the number of days of continuous enrollment in the requester-defined coverage type required before exposure date.

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.

Glossary of Terms for Analyses Using Self-Controlled Risk Interval (SCRI) Module*

Query Start Date - binds exposure date only; available data before the query start date may be used to determine if enrollment and incidence criteria are met and evaluate inclusion/exclusion criteria and presence/absence of covariates.

Query End Date - defines the last day that a patient can contribute follow-up time to the cohort and is used to calculate the latest possible date that a patient may contribute an exposure to the cohort.

Risk Window - The number of days after exposure where the patient is considered to be at risk for the outcome of interest due to exposure.

Same Day Exclusion - indicates if an exposure defined using National Drug Codes (NDCs) should be excluded from consideration if more than one of the codes used to define the exposure is observed on the same day.

Surveillance Start Date - for time period 1 (i.e., the first look/evaluation for a Data Partner), this date is surveillance team defined and will often correspond to a medical product launch date.

Time period - refers to a specific look at/evaluation of the data. Requesters evaluate mutually exclusive time periods, by Data Partner, over the course of the surveillance activity.

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 outcome of interest.

*all terms may not be used in this report

Table 1a. Characteristics of Faricimab Tree-Only Primary Analysis Cohort (1 to 28 day risk window and -42 to -15 day control window) in the Sentinel Distributed Database from January 1, 2022 to April 30, 2025[1]

Patient Characteristics	Number/Mean	Percent/ Standard Deviation[2]
Unique patients	151,550	N/A
Episodes	152,233	100.0%

Demographic Characteristics	Number/Mean	Percent/ Standard Deviation[2]
Age (years)	79.0	8.9
Age		
18-39 years	334	0.2%
40-64 years	7,431	4.9%
≥ 65 years	144,468	94.9%
Sex		
Female	89,446	59.0%
Male	62,104	41.0%
Race[3]		
American Indian or Alaska Native	531	0.4%
Asian	2,322	1.5%
Black or African American	4,438	2.9%
Multi-racial	292	0.2%
Native Hawaiian or Other Pacific Islander	168	0.1%
Unknown	9,588	6.3%
White	134,211	88.6%
Hispanic origin		
Yes	1,771	1.2%
No	132,993	87.8%
Unknown	16,786	11.1%
Year		
2022	32,169	21.1%
2023	68,417	44.9%
2024	50,978	33.5%
2025	669	0.4%

Health Characteristics	Number/Mean	Percent/ Standard Deviation[2]
Combined comorbidity score[4]	2.8	3.1
Neovascular age-related macular degeneration(nAMD)	112,896	74.2%
Diabetic macular edema (DME)	2,751	1.8%
Retinal vein occlusion (RVO) with macular edema	17,253	11.3%
Acute myocardial infarction	4,724	3.1%

Table 1a. Characteristics of Faricimab Tree-Only Primary Analysis Cohort (1 to 28 day risk window and -42 to -15 day control window) in the Sentinel Distributed Database from January 1, 2022 to April 30, 2025[1]

Health Characteristics	Number/Mean	Percent/ Standard Deviation[2]
Atrial fibrillation	30,184	19.8%
Cataract	63,692	41.8%
Diabetes	61,491	40.4%
Glaucoma	39,218	25.8%
Heart failure	26,910	17.7%
Hypertension	126,479	83.1%
Ischemic heart disease	46,947	30.8%
Stroke/TIA	11,937	7.8%
Benign prostatic hyperplasia	24,930	16.4%
Medical Product Use	**Number/Mean**	**Percent/ Standard Deviation[2]**
Aflibercept	85,359	56.1%
Bevacizumab	2,781	1.8%
Ranibizumab	24,590	16.2%
Brolucizumab	3,058	2.0%
Any intravitreal anti-VEGF treatment	106,836	70.2%
Health Service Utilization Intensity Metrics	**Number/Mean**	**Percent/ Standard Deviation[2]**
Mean number of ambulatory encounters	34.9	29.4
Mean number of emergency room encounters	0.5	1.2
Mean number of non-acute institutional encounters	0.1	0.3
Mean number of other ambulatory encounters	7.8	13.3
Mean number of filled prescriptions	36.1	30.1
Mean number of generics dispensed	10.3	6.1
Mean number of unique drug classes dispensed	9.4	5.3

[1]All variables except sex, race, and Hispanic origin were calculated at the episode-level; sex, race, and Hispanic origin were calculated at the patient-level.

[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]Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A combined comorbidity score predicted mortality in elderly patients better than existing scores. J Clin Epidemiol. 2011;64(7):749-759. Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and validation of the combined comorbidity score for ICD-10-CM. Med Care. 2017;55(12):1046-1051.

N/A: Not Applicable

Table 1b. Characteristics of Faricimab Tree-Only Sensitivity Analysis Cohort (1 to 56 day risk window and -70 to -15 day control window) in the Sentinel Distributed Database from January 1, 2022 to April 30, 2025[1]

Patient Characteristics	Number/Mean	Percent/ Standard Deviation[2]
Unique patients	143,818	N/A
Episodes	144,365	100.0%

Demographic Characteristics	Number/Mean	Percent/ Standard Deviation[2]
Age (years)	79.1	8.8
Age		
18-39 years	308	0.2%
40-64 years	6,839	4.7%
≥ 65 years	137,218	95.0%
Sex		
Female	84,999	59.1%
Male	58,819	40.9%
Race[3]		
American Indian or Alaska Native	498	0.3%
Asian	2,201	1.5%
Black or African American	4,075	2.8%
Multi-racial	273	0.2%
Native Hawaiian or Other Pacific Islander	156	0.1%
Unknown	8,918	6.2%
White	127,697	88.8%
Hispanic origin		
Yes	1,650	1.1%
No	126,399	87.9%
Unknown	15,769	11.0%
Year		
2022	31,729	22.0%
2023	67,598	46.8%
2024	44,635	30.9%
2025	403	0.3%

Health Characteristics	Number/Mean	Percent/ Standard Deviation[2]
Combined comorbidity score[4]	2.8	3.1
Neovascular age-related macular degeneration(nAMD)	107,981	74.8%
Diabetic macular edema (DME)	2,578	1.8%
Retinal vein occlusion (RVO) with macular edema	15,744	10.9%
Acute myocardial infarction	4,436	3.1%

Table 1b. Characteristics of Faricimab Tree-Only Sensitivity Analysis Cohort (1 to 56 day risk window and -70 to -15 day control window) in the Sentinel Distributed Database from January 1, 2022 to April 30, 2025[1]

Health Characteristics	Number/Mean	Percent/ Standard Deviation[2]
Atrial fibrillation	28,604	19.8%
Cataract	60,271	41.7%
Diabetes	58,023	40.2%
Glaucoma	37,124	25.7%
Heart failure	25,370	17.6%
Hypertension	119,915	83.1%
Ischemic heart disease	44,392	30.7%
Stroke/TIA	11,239	7.8%
Benign prostatic hyperplasia	23,692	16.4%
Medical Product Use	**Number/Mean**	**Percent/ Standard Deviation[2]**
Aflibercept	81,578	56.5%
Bevacizumab	2,599	1.8%
Ranibizumab	23,625	16.4%
Brolucizumab	2,999	2.1%
Any intravitreal anti-VEGF treatment	102,179	70.8%
Health Service Utilization Intensity Metrics	**Number/Mean**	**Percent/ Standard Deviation[2]**
Mean number of ambulatory encounters	34.9	29.1
Mean number of emergency room encounters	0.5	1.2
Mean number of non-acute institutional encounters	0.1	0.3
Mean number of other ambulatory encounters	7.8	13.0
Mean number of filled prescriptions	35.9	29.9
Mean number of generics dispensed	10.3	6.0
Mean number of unique drug classes dispensed	9.4	5.3

[1]All variables except sex, race, and Hispanic origin were calculated at the episode-level; sex, race, and Hispanic origin were calculated at the patient-level.

[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]Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A combined comorbidity score predicted mortality in elderly patients better than existing scores. J Clin Epidemiol. 2011;64(7):749-759. Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and validation of the combined comorbidity score for ICD-10-CM. Med Care. 2017;55(12):1046-1051.

N/A: Not Applicable

Table 1c. Characteristics of Faricimab Temporal-Only Cohort in the Sentinel Distributed Database from January 1, 2022 to April 30, 2025[1]

Patient Characteristics	Number/Mean	Percent/ Standard Deviation[2]
Unique patients	113,698	N/A
Episodes	113,867	100.0%

Demographic Characteristics	Number/Mean	Percent/ Standard Deviation[2]
Age (years)	79.1	8.8
Age		
18-39 years	217	0.2%
40-64 years	5,204	4.6%
≥ 65 years	108,446	95.2%
Sex		
Female	67,239	59.1%
Male	46,459	40.9%
Race[3]		
American Indian or Alaska Native	386	0.3%
Asian	1,682	1.5%
Black or African American	3,056	2.7%
Multi-racial	221	0.2%
Native Hawaiian or Other Pacific Islander	121	0.1%
Unknown	6,779	6.0%
White	101,453	89.2%
Hispanic origin		
Yes	1,255	1.1%
No	100,067	88.0%
Unknown	12,376	10.9%
Year		
2022	30,951	27.2%
2023	66,229	58.2%
2024	16,687	14.7%
2025	0	0.0%

Health Characteristics	Number/Mean	Percent/ Standard Deviation[2]
Combined comorbidity score[4]	2.7	3.0
Neovascular age-related macular degeneration(nAMD)	88,378	77.6%
Diabetic macular edema (DME)	2,042	1.8%
Retinal vein occlusion (RVO) with macular edema	8,990	7.9%
Acute myocardial infarction	3,452	3.0%

Table 1c. Characteristics of Faricimab Temporal-Only Cohort in the Sentinel Distributed Database from January 1, 2022 to April 30, 2025[1]

Atrial fibrillation	22,246	19.5%

Health Characteristics	Number/Mean	Percent/ Standard Deviation[2]
Cataract	47,094	41.4%
Diabetes	45,409	39.9%
Glaucoma	28,912	25.4%
Heart failure	19,497	17.1%
Hypertension	94,169	82.7%
Ischemic heart disease	34,711	30.5%
Stroke/TIA	8,661	7.6%
Benign prostatic hyperplasia	18,631	16.4%

Medical Product Use	Number/Mean	Percent/ Standard Deviation[2]
Aflibercept	66,821	58.7%
Bevacizumab	2,054	1.8%
Ranibizumab	19,224	16.9%
Brolucizumab	2,799	2.5%
Any intravitreal anti-VEGF treatment	83,460	73.3%

Health Service Utilization Intensity Metrics	Number/Mean	Percent/ Standard Deviation[2]
Mean number of ambulatory encounters	34.9	28.8
Mean number of emergency room encounters	0.5	1.1
Mean number of non-acute institutional encounters	0.1	0.3
Mean number of other ambulatory encounters	7.7	12.7
Mean number of filled prescriptions	35.5	29.4
Mean number of generics dispensed	10.1	6.0
Mean number of unique drug classes dispensed	9.3	5.2

[1]All variables except sex, race, and Hispanic origin were calculated at the episode-level; sex, race, and Hispanic origin were calculated at the patient-level.

[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]Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A combined comorbidity score predicted mortality in elderly patients better than existing scores. J Clin Epidemiol. 2011;64(7):749-759. Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and validation of the combined comorbidity score for ICD-10-CM. Med Care. 2017;55(12):1046-1051.

N/A: Not Applicable

Table 2a.Signal Identification Outcome Assessment1 Primary Analysis (1 to 28 day risk window and -42 to -15 day control window) with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators in the Sentinel Distributed Database from January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
Conjunctival deposits, bilateral	H113grp	4	362	242	181.11	1.34	20.91	0.0001
Conjunctival hemorrhage, left eye	H1132grp	5	168	118	84.05	1.40	14.13	0.0001
Fracture of femur	S72grp	3	237	159	118.57	1.34	14.08	0.0001
Abnormalities of breathing	R06grp	3	3,164	1,705	1,583	1.08	9.51	0.0369

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 2b. Signal Identification Outcome Assessment1 Primary Analysis (1 to 28 day risk window and -42 to -15 day control window) with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators with Evidence of Neovascular (Wet) Age-related Macular Degeneration (nAMD) in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
Conjunctival hemorrhage	H113grp	4	266	171	133.28	1.28	10.86	0.008
Fracture of femur	S72grp	3	195	128	97.71	1.31	9.58	0.0298

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 2c. Signal Identification Outcome Assessment1 Primary Analysis (1 to 28 day risk window and -42 to -15 day control window) with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators with Evidence of Diabetic Macular Edema (DME) in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes among Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[3]								

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 2d. Signal Identification Outcome Assessment1 Primary Analysis (1 to 28 day risk window and -42 to -15 day control window) with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators with Evidence of Macular Edema Following Retinal Vein Occlusion (RVO) in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	est Statisti	P-Value
Inpatient or Emergency Department Setting								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[3]								

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 2e. Signal Identification Outcome Assessment1 Primary Analysis (1 to 28 day risk window and -42 to -15 day control window) with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators with Evidence of Prior Use of Any Intravitreal Anti-VEGF Treatment in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
Other intraoperative and postprocedural complications and disorders of respiratory system, not elsewhere classified	J958grp	4	26	24	14.04	1.71	9.29	0.0117
Inpatient, Emergency Department, or Outpatient Setting								
Conjunctival hemorrhage	H113grp	4	237	158	120.56	1.31	12.10	0.0017

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

Table 2f. Signal Identification Outcome Assessment1 Primary Analysis (1 to 28 day risk window and -42 to -15 day control window) with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators in the Sentinel Distributed Database from January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05, by Age Category

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
18-39 Years								
N/A[3]								
40-64 Years								
N/A[3]								
65+ Years								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
18-39 Years								
N/A[3]								
40-64 Years								
N/A[3]								
65+ Years								
Conjunctival hemorrhage	H113grp	4	343	288	171.73	1.33	18.84	0.0001
Fracture of femur	S72grp	3	236	158	118.16	1.34	13.74	0.0007
Conjunctival hemorrhage, left eye	H1132grp	5	161	112	80.61	1.39	12.58	0.0015
Abnormalities of breathing	R06grp	3	3,002	1,620	1,503.01	1.08	9.22	0.0446

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 3a. Signal Identification Outcome Assessment1 Sensitivity Analysis (1 to 56 day risk window and -70 to -15 day control window) with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators in the Sentinel Distributed Database from January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
Respiratory failure, not elsewhere classified	J96grp	3	1,701	989	862.57	1.15	18.95	0.0001
Acute kidney failure	N17grp	3	2,396	1,365	1,215.00	1.12	18.93	0.0001
Acute kidney failure, unspecified	N179grp	4	2,207	1,259	1,119.16	1.13	17.86	0.0001
Other symptoms and signs involving cognitive functions and awareness	R418grp	4	1,379	809	699.28	1.16	17.60	0.0001
Influenza due to other identified influenza virus with other respiratory manifestations	J101grp	4	394	258	199.80	1.29	17.52	0.0001
Influenza due to other identified influenza virus	J10grp	3	457	294	231.74	1.27	17.24	0.0001
Pleural effusion, not elsewhere classified	J90grp	3	1,663	960	843.30	1.14	16.50	0.0001
Acute respiratory failure	J960grp	4	1,210	713	613.59	1.16	16.47	0.0001
Acute respiratory failure with hypoxia	J9601grp	5	1,061	626	538.03	1.16	14.71	0.0002
Other toxic encephalopathy	G928grp	4	182	128	92.29	1.39	14.46	0.0003
Fracture of femur	S72grp	3	469	295	237.83	1.24	14.13	0.0004
Transient alteration of awareness	R404grp	4	194	134	98.38	1.36	13.45	0.0009
Pulmonary edema	J81grp	3	742	446	376.26	1.19	13.23	0.0009
Hypertensive heart and chronic kidney disease	I13grp	3	1,617	923	819.97	1.13	13.22	0.0009
Toxic encephalopathy	G92grp	3	204	139	103.45	1.34	12.71	0.0019
Other disorders of brain	G93grp	3	1,462	837	741.37	1.13	12.59	0.0019
Other and unspecified encephalopathy	G934grp	4	744	443	377.28	1.17	11.71	0.0038
Other symptoms and signs involving cognitive functions and awareness	R41grp	3	2,874	1,586	1,457.39	1.09	11.59	0.0039
Disturbances of smell and taste	E43grp	3	251	165	127.28	1.30	11.55	0.0041
Altered mental status, unspecified	R4182grp	5	849	500	430.52	1.16	11.46	0.006

Table 3a. Signal Identification Outcome Assessment1 Sensitivity Analysis (1 to 56 day risk window and -70 to -15 day control window) with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators in the Sentinel Distributed Database from January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Asphyxia and hypoxemia	R090grp	4	1,087	629	551.21	1.14	11.21	0.0068
Shock, not elsewhere classified	R57grp	3	164	113	83.16	1.36	11.16	0.0075
Hypoxemia	R0902grp	5	1,082	626	548.68	1.14	11.13	0.0077
Pneumonitis due to solids and liquids	J69grp	3	254	166	128.80	1.29	11.10	0.0079
Inpatient, Emergency Department, or Outpatient Setting								
Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	I130grp	4	1,200	688	608.51	1.13	10.60	0.0146
Pneumonitis due to inhalation of food and vomit	J690grp	4	251	163	127.28	1.28	10.34	0.0162
Intraoperative and postprocedural complications and disorders of respiratory system, not elsewhere classified	J95grp	3	126	89	63.89	1.39	10.33	0.0164
Other shock	R578grp	4	36	31	18.26	1.70	10.08	0.0254
Atrial fibrillation and flutter	I48grp	3	1,779	996	902.12	1.10	9.97	0.0269
Other disorders of fluid, electrolyte and acid-base balance	E87grp	3	4,191	2,269	2,125.24	1.07	9.95	0.027
Other venous embolism and thrombosis	I82grp	3	621	370	314.91	1.18	9.86	0.0278
Rhabdomyolysis	M6282grp	5	74	56	37.53	1.49	9.71	0.0303
Injury of conjunctiva and corneal abrasion without foreign body	S050grp	4	433	265	219.57	1.21	9.63	0.0332
Acute posthemorrhagic anemia	D62grp	3	978	564	495.94	1.14	9.53	0.0358
Chronic pulmonary edema	J811grp	4	516	311	261.66	1.19	9.52	0.0362

Table 3a. Signal Identification Outcome Assessment1 Sensitivity Analysis (1 to 56 day risk window and -70 to -15 day control window) with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators in the Sentinel Distributed Database from January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 3b. Signal Identification Outcome Assessment1 Sensitivity Analysis (1 to 56 day risk window and -70 to -15 day control window) with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators with Evidence of Neovascular (Wet) Age-related Macular Degeneration (nAMD) in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
Influenza due to other identified influenza virus	J10grp	3	330	219	167.14	1.31	16.64	0.0002
Influenza due to other identified influenza virus with other respiratory manifestations	J101grp	4	288	194	145.87	1.33	16.46	0.0002
Acute kidney failure, unspecified	N179grp	4	1,410	818	714.16	1.15	15.42	0.0002
Acute kidney failure	N17grp	3	1,515	869	767.34	1.13	13.75	0.0005
Other symptoms and signs involving cognitive functions and awareness	R418grp	4	985	580	498.90	1.16	13.47	0.0009
Pulmonary edema	J81grp	3	480	299	243.12	1.23	13.18	0.001
Respiratory failure, not elsewhere classified	J96grp	3	1,264	728	640.21	1.14	12.29	0.0022
Fracture of femur	S72grp	3	368	231	186.39	1.24	10.96	0.0063
Acute respiratory failure	J960grp	4	884	516	447.74	1.15	10.62	0.0112
Transient alteration of awareness	R404grp	4	151	104	76.48	1.36	10.31	0.0135
Other and unspecified encephalopathy	G934grp	4	503	304	254.77	1.19	9.73	0.0264
Other symptoms and signs involving cognitive functions and awareness	R41grp	3	2,161	1,196	1,094.53	1.09	9.60	0.0301
Acute respiratory failure with hypoxia	J9601grp	5	784	458	397.09	1.15	9.53	0.0326
Sepsis, unspecified organism	A419grp	4	628	372	318.08	1.17	9.33	0.046

Table 3b. Signal Identification Outcome Assessment1 Sensitivity Analysis (1 to 56 day risk window and -70 to -15 day control window) with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators with Evidence of Neovascular (Wet) Age-related Macular Degeneration (nAMD) in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 3c. Signal Identification Outcome Assessment1 Sensitivity Analysis (1 to 56 day risk window and -70 to -15 day control window) with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators with Evidence of Diabetic Macular Edema (DME) in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[3]								

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 3d. Signal Identification Outcome Assessment1 Sensitivity Analysis (1 to 56 day risk window and -70 to -15 day control window) with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators with Evidence of Macular Edema Following Retinal Vein Occlusion (RVO) in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[3]								

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 3e. Signal Identification Outcome Assessment1 Sensitivity Analysis (1 to 56 day risk window and -70 to -15 day control window) with Standard Tree via, Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators with Evidence of Prior Use of Any Intravitreal Anti-VEGF Treatment in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
Influenza due to other identified influenza virus	J10grp	3	346	231	177.41	1.30	16.99	0.0001
Influenza due to other identified influenza virus with other respiratory manifestations	J101grp	4	297	200	152.29	1.31	15.72	0.0001
Respiratory failure, not elsewhere classified	J96grp	3	1,181	691	605.57	1.14	12.48	0.0019
Other symptoms and signs involving cognitive functions and awareness	R418grp	4	960	568	492.25	1.15	12.07	0.0022
Acute respiratory failure	J960grp	4	838	499	429.69	1.16	11.58	0.0041
Acute kidney failure, unspecified	N179grp	4	1,536	881	787.60	1.12	11.46	0.0047

Table 3e. Signal Identification Outcome Assessment[1] Sensitivity Analysis (1 to 56 day risk window and -70 to -15 day control window) with Standard Tree via, Conditional Bernoulli Tree-Based Scan Statistic[2], among Faricimab Initiators with Evidence of Prior Use of Any Intravitreal Anti-VEGF Treatment in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Acute kidney failure	N17grp	3	1,664	950	853.23	1.11	11.36	0.0061
Atrial fibrillation and flutter	I48grp	3	1,277	736	654.79	1.12	10.42	0.0162
Acute respiratory failure with hypoxia	J9601grp	5	730	433	374.31	1.16	9.53	0.0348
Fracture of femur	S72grp	3	340	214	174.34	1.23	9.39	0.0387

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 3f. Signal Identification Outcome Assessment[1] Sensitivity Analysis (1 to 56 day risk window and -70 to -15 day control window) with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic[2], among Faricimab Initiators in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05, by Age Category

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
18-39 Years								
N/A[3]								
40-64 Years								
N/A[3]								
65+ Years								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
18-39 Years								
N/A[3]								
40-64 Years								
N/A[3]								
65+ Years								
Acute kidney failure	N17grp	3	2,231	1,277	1,131.78	1.13	19.06	0.0001
Acute kidney failure, unspecified	N179grp	4	2,065	1,186	1,047.57	1.13	18.71	0.0001
Respiratory failure, not elsewhere classified	J96grp	3	1,616	941	819.79	1.15	18.33	0.0001
Acute respiratory failure	J960grp	4	1,147	681	581.87	1.17	17.29	0.0001
Other symptoms and signs involving cognitive functions and awareness	R418grp	4	1,319	774	669.12	1.16	16.82	0.0001
Influenza due to other identified influenza virus with other respiratory manifestations	J101grp	4	361	237	183.13	1.29	16.39	0.0001
Influenza due to other identified influenza virus	J10grp	3	420	271	213.06	1.27	16.25	0.0001
Acute respiratory failure with hypoxia	J9601grp	5	1,010	601	512.37	1.17	15.69	0.0002
Pleural effusion, not elsewhere classified	J90grp	3	1,583	914	803.05	1.14	15.67	0.0002
Other toxic encephalopathy	G928grp	4	171	122	86.75	1.41	15.05	0.0002
Fracture of femur	S72grp	3	465	292	235.89	1.24	13.72	0.0007
Toxic encephalopathy	G92grp	3	192	133	97.40	1.37	13.58	0.0009
Hypertensive heart and chronic kidney disease	I13grp	3	1,501	860	761.45	1.13	13.03	0.0013

Table 3f. Signal Identification Outcome Assessment1 Sensitivity Analysis (1 to 56 day risk window and -70 to -15 day control window) with Standard Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05, by Age Category

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Transient alteration of awareness	R404grp	4	187	129	94.86	1.36	12.81	0.0015
Pulmonary edema	J81grp	3	686	413	348.01	1.19	12.43	0.0021
Unspecified severe protein-calorie malnutrition	E43grp	3	238	158	120.74	1.31	11.91	0.0032
Other disorders of brain	G93grp	3	1,405	803	712.75	1.13	11.67	0.0034
Other and unspecified encephalopathy	G934grp	4	709	423	359.67	1.18	11.41	0.0055
Pneumonitis due to solids and liquids	J69grp	3	244	160	123.78	1.29	10.96	0.0077
Other symptoms and signs involving cognitive functions and awareness	R41grp	3	2,783	1,533	1,411.81	1.09	10.63	0.0133
Pneumonitis due to inhalation of food and vomit	J690grp	4	241	157	122.26	1.28	10.20	0.0191
Altered mental status, unspecified	R4182grp	5	806	472	408.88	1.15	9.96	0.0278
Asphyxia and hypoxemia	R090grp	4	1,040	599	527.59	1.14	9.87	0.029
Hypoxemia	R0902grp	5	1,035	596	525.05	1.14	9.79	0.0297
Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	I130grp	4	1,146	656	581.36	1.13	9.78	0.0299
Other sepsis	A41grp	3	1,113	638	564.62	1.13	9.74	0.0307
Delirium due to known physiological condition	F05grp	3	248	160	125.81	1.27	9.58	0.0371
Other disorders of fluid, electrolyte and acid-base balance	E87grp	3	3,964	2,148	2,010.92	1.07	9.56	0.0373

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 4a. Signal Identification Outcome Assessment[1] with Standard Tree, via Conditional Tree-Temporal Scan Statistic[2] among Faricimab Initiators in the Sentinel Distributed Database from January 1, 2022 to Latest Available Data, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting									
Influenza due to other identified influenza virus	J10grp	3	286	30 to 70	111	61.70	2.31	15.89	0.0002
Influenza due to identified novel influenza A virus	J09Xgrp	4	57	38 to 49	18	3.60	6.85	14.57	0.0034
Salmonella enteritis	A020grp	4	5	7 to 8	4	0.05	433.04	13.92	0.006
Influenza due to other identified influenza virus with other respiratory manifestations	J101grp	4	217	30 to 76	94	53.83	2.32	12.24	0.0393
Inpatient, Emergency Department, or Outpatient Setting									
Conjunctival hemorrhage	H113grp	4	784	1 to 6	104	22.71	5.15	76.96	0.0001
Other disorders of conjunctiva	H11grp	3	1,246	1 to 6	119	36.09	3.55	59.07	0.0001
Injury of conjunctiva and corneal abrasion without foreign body	S050grp	4	529	1 to 3	53	7.45	7.82	58.42	0.0001
Unspecified purulent endophthalmitis	H4400grp	5	321	2 to 4	36	4.12	9.75	46.18	0.0001
Injury of eye and orbit	S05grp	3	742	1 to 3	54	10.45	5.51	45.12	0.0001
Purulent endophthalmitis	H440grp	4	338	2 to 4	36	4.34	9.20	44.54	0.0001
Disorders of globe	H44grp	3	671	2 to 4	44	8.61	5.42	36.40	0.0001
Injury of conjunctiva and corneal abrasion without foreign body, right eye	S0501grp	5	240	1 to 3	28	3.38	9.26	34.57	0.0001
Conjunctival hemorrhage, right eye	H1131grp	5	369	1 to 4	36	6.80	5.77	30.80	0.0001
Conjunctival hemorrhage, left eye	H1132grp	5	365	1 to 6	45	10.57	4.72	30.75	0.0001
COVID-19	U071grp	4	4,081	8 to 82	1,920	1,616.56	1.36	26.90	0.0001
Emergency use of U07	U07grp	3	4,085	8 to 75	1,753	1,465.30	1.35	26.61	0.0001
Injury of conjunctiva and corneal abrasion without foreign body, left eye	S0502grp	5	258	1 to 3	23	3.63	6.86	23.07	0.0001
Influenza due to other identified influenza virus	J10grp	3	630	2 to 75	357	245.04	2.06	22.39	0.0001
Disorders of vitreous body	H43grp	3	5,438	28 to 42	584	442.90	1.36	20.42	0.0001
Other disorders of vitreous body	H438grp	4	4,068	56 to 133	2,011	1,741.95	1.31	19.83	0.0001
Influenza due to other identified influenza virus with other respiratory manifestations	J101grp	4	539	2 to 75	307	209.65	2.08	19.75	0.0001
Vitreous degeneration	H4381grp	5	3,831	56 to 70	430	314.49	1.42	19.01	0.0001

Table 4a. Signal Identification Outcome Assessment[1] with Standard Tree, via Conditional Tree-Temporal Scan Statistic[2] among Faricimab Initiators in the Sentinel Distributed Database from January 1, 2022 to Latest Available Data, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic[2]	P-Value
Ocular pain	H571grp	4	506	1 to 2	24	4.97	5.03	18.77	0.0001
Other disorders of eye and adnexa	H57grp	3	1,079	1 to 12	113	64.21	1.85	15.08	0.0035
Age-related cataract	H25grp	3	2,842	84 to 106	427	363.42	1.36	14.82	0.0051
Ocular pain, right eye	H5711grp	5	200	1 to 2	13	1.96	7.02	13.53	0.0231
Hypopyon	H2005grp	5	36	2 to 5	8	0.64	15.89	12.89	0.0469

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic. See Appendix H for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 4b. Signal Identification Outcome Assessment1 with Standard Tree, via Conditional Tree-Temporal Scan Statistic2 among Faricimab Initiators with Evidence of Neovascular (Wet) Age-related Macular Degeneration (nAMD) in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting									
N/A[3]									
Inpatient, Emergency Department, or Outpatient Setting									
N/A[3]									

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic. See Appendix H for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 4c. Signal Identification Outcome Assessment1 with Standard Tree, via Conditional Tree-Temporal Scan Statistic2 among Faricimab Initiators with Evidence of Diabetic Macular Edema (DME) in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting									
N/A[3]									
Inpatient, Emergency Department, or Outpatient Setting									
N/A[3]									

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic. See Appendix H for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 4d. Signal Identification Outcome Assessment1 with Standard Tree, via Conditional Tree-Temporal Scan Statistic2 among Faricimab Initiators with Evidence of Macular Edema Following Retinal Vein Occlusion (RVO) in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting									
N/A[3]									
Inpatient, Emergency Department, or Outpatient Setting									
N/A[3]									

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic. See Appendix H for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 4e. Signal Identification Outcome Assessment1 with Standard Tree, via Conditional Tree-Temporal Scan Statistic2 among Faricimab Initiators with Evidence of Prior Use of Any Intravitreal Anti-VEGF Treatment in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting									
Influenza due to identified novel influenza A virus	J09Xgrp	4	43	38 to 49	17	2.74	9.63	16.78	0.0004
Other superficial injuries of forearm	S508grp	4	28	20 to 24	8	0.72	15.14	11.96	0.0495
Inpatient, Emergency Department, or Outpatient Setting									
Conjunctival hemorrhage	H113grp	4	540	1 to 6	72	15.64	5.18	53.58	0.0001
Unspecified purulent endophthalmitis	H4400grp	5	267	2 to 5	40	4.69	9.89	50.42	0.0001
Purulent endophthalmitis	H440grp	4	279	2 to 5	40	4.90	9.39	48.87	0.0001
Injury of conjunctiva and corneal abrasion without foreign body	S050grp	4	363	1 to 3	38	5.17	8.13	42.99	0.0001
Other disorders of conjunctiva	H11grp	3	889	2 to 4	54	11.40	5.01	41.39	0.0001
Disorders of globe	H44grp	3	513	2 to 4	39	6.58	6.36	36.99	0.0001
Injury of eye and orbit	S05grp	3	514	1 to 3	38	7.32	5.55	31.92	0.0001
Conjunctival hemorrhage, right eye	H1131grp	5	255	1 to 6	33	7.39	4.99	23.79	0.0001
Conjunctival hemorrhage, left eye	H1132grp	5	248	1 to 5	29	5.78	5.56	23.57	0.0001
Injury of conjunctiva and corneal abrasion without foreign body, left eye	S0502grp	5	185	1 to 3	20	2.63	8.41	23.18	0.0001
Influenza due to other identified influenza virus	J10grp	3	455	3 to 71	261	166.28	2.34	22.96	0.0001
COVID-19	U071grp	4	3,013	9 to 82	1,414	1,177.02	1.38	22.45	0.0001
Emergency use of U07	U07grp	3	3,017	9 to 82	1,414	1,178.59	1.38	22.13	0.0001
Injury of conjunctiva and corneal abrasion without foreign body, right eye	S0501grp	5	158	1 to 4	20	2.93	7.68	21.34	0.0001

Table 4e. Signal Identification Outcome Assessment1 with Standard Tree, via Conditional Tree-Temporal Scan Statistic2 among Faricimab Initiators with Evidence of Prior Use of Any Intravitreal Anti-VEGF Treatment in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic[2]	P-Value
Disorders of vitreous body	H43grp	3	3,983	56 to 133	1,978	1,709.57	1.31	20.11	0.0001
Other disorders of vitreous body	H438grp	4	2,967	56 to 133	1,505	1,273.48	1.37	19.92	0.0001
Influenza due to other identified influenza virus with other respiratory manifestations	J101grp	4	383	3 to 71	219	139.96	2.32	19.01	0.0001
Vitreous degeneration	H4381grp	5	2,799	56 to 133	1,415	1,201.38	1.36	18.00	0.0006
Ocular pain	H571grp	4	386	1 to 2	20	3.88	5.40	16.69	0.0014
Cough	R05grp	3	5,649	17 to 61	1,518	1,327.52	1.20	13.09	0.0341

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic. See Appendix H for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

Table 4f. Signal Identification Outcome Assessment1 with Standard Tree, via Conditional Tree-Temporal Scan Statistic2 among Faricimab Initiators in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05, by Age Category

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting									
18-39 Years									
N/A[3]									
40-64 Years									
N/A[3]									
65+ Years									
Salmonella enteritis	A020grp	4	5	7 to 8	4	0.05	436.84	13.95	0.0062
Influenza due to identified novel influenza A virus	J09Xgrp	4	55	38 to 49	17	3.46	6.67	13.52	0.0107
Influenza due to other identified influenza virus	J10grp	3	258	30 to 70	98	55.44	2.24	13.27	0.0141
Inpatient, Emergency Department, or Outpatient Setting									
18-39 Years									
N/A[3]									
40-64 Years									
N/A[3]									
65+ Years									
Conjunctival hemorrhage	H113grp	4	745	1 to 7	110	26.72	4.67	72.39	0.0001
Injury of conjunctiva and corneal abrasion without foreign body	S050grp	4	491	1 to 3	52	6.93	8.31	59.74	0.0001
Other disorders of conjunctiva	H11grp	3	1188	1 to 6	113	34.47	3.53	55.64	0.0001
Injury of eye and orbit	S05grp	3	694	1 to 3	53	9.79	5.80	46.29	0.0001
Unspecified purulent endophthalmitis	H4400grp	5	304	2 to 5	39	5.38	8.20	43.66	0.0001
Purulent endophthalmitis	H440grp	4	320	2 to 4	34	4.11	9.17	41.96	0.0001
Injury of conjunctiva and corneal abrasion without foreign body, right eye	S0501grp	5	222	1 to 3	28	3.13	10.11	36.46	0.0001
Disorders of globe	H44grp	3	625	2 to 4	41	8.02	5.42	33.90	0.0001
Conjunctival hemorrhage, left eye	H1132grp	5	348	1 to 6	43	10.10	4.73	29.40	0.0001
Conjunctival hemorrhage, right eye	H1131grp	5	351	1 to 4	34	6.47	5.72	28.86	0.0001
COVID-19	U071grp	4	3,913	8 to 82	1,843	1,548.21	1.36	26.49	0.0001
Emergency use of U07	U07grp	3	3,917	8 to 82	1,843	1,549.80	1.36	26.19	0.0001
Injury of conjunctiva and corneal abrasion without foreign body, left eye	S0502grp	5	244	1 to 2	19	2.40	8.53	22.73	0.0001
Disorders of vitreous body	H43grp	3	5201	28 to 42	558	421.10	1.37	20.18	0.0001

Table 4f. Signal Identification Outcome Assessment1 with Standard Tree, via Conditional Tree-Temporal Scan Statistic2 among Faricimab Initiators in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05, by Age Category

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic[2]	P-Value
Influenza due to other identified influenza virus	J10grp	3	584	2 to 75	329	226.88	2.03	20.15	0.0001
Ocular pain	H571grp	4	475	1 to 2	24	4.67	5.38	19.97	0.0001
Other disorders of vitreous body	H438grp	4	3,947	56 to 133	1,950	1,690.70	1.30	18.98	0.0003
Vitreous degeneration	H4381grp	5	3,725	56 to 133	1,841	1,595.60	1.31	18.01	0.0003
Influenza due to other identified influenza virus with other respiratory manifestations	J101grp	4	500	2 to 75	283	194.25	2.05	17.75	0.0003
Other disorders of eye and adnexa	H57grp	3	1,011	1 to 12	108	60.07	1.90	15.43	0.0033
Ocular pain, right eye	H5711grp	5	190	1 to 2	13	1.87	7.41	14.10	0.0129

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic. See Appendix H for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 5a. Signal Identification Outcome Assessment1 Primary Analysis (1 to 28 day risk window and -42 to -15 day control window) with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators in the Sentinel Distributed Database from January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[3]								

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 5b. Signal Identification Outcome Assessment1 Primary Analysis (1 to 28 day risk window and -42 to -15 day control window) with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators with Evidence of Neovascular (Wet) Age-related Macular Degeneration (nAMD) in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[3]								

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 5c. Signal Identification Outcome Assessment1 Primary Analysis (1 to 28 day risk window and -42 to -15 day control window) with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators with Evidence of Diabetic Macular Edema (DME) in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[3]								

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 5d. Signal Identification Outcome Assessment1 Primary Analysis (1 to 28 day risk window and -42 to -15 day control window) with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators with Evidence of Macular Edema Following Retinal Vein Occlusion (RVO) in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[3]								

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 5e. Signal Identification Outcome Assessment[1] Primary Analysis (1 to 28 day risk window and -42 to -15 day control window) with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic[2], among Faricimab Initiators with Evidence of Prior Use of Any Intravitreal Anti-VEGF Treatment in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[3]								

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 5f. Signal Identification Outcome Assessment[1] Primary Analysis (1 to 28 day risk window and -42 to -15 day control window) with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic[2], among Faricimab Initiators in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05, by Age Category

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
18-39 Years								
N/A[3]								
40-64 Years								
N/A[3]								
65+ Years								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
18-39 Years								
N/A[3]								
40-64 Years								
N/A[3]								
65+ Years								
N/A[3]								

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 6a. Signal Identification Outcome Assessment[1] Sensitivity Analysis (1 to 56 day risk window and -70 to -15 day control window) with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic[2], among Faricimab Initiators in the Sentinel Distributed Database from January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
Acute kidney failure	N17grp	3	2,396	1,365	1,259.57	1.09	10.10	0.0016
Acute kidney failure, unspecified	N179grp	4	2,207	1,259	1,160.21	1.09	9.57	0.0022
Rhabdomyolysis	M6282grp	5	74	56	38.90	1.44	8.40	0.0065

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 6b. Signal Identification Outcome Assessment1 Sensitivity Analysis (1 to 56 day risk window and -70 to -15 day control window) with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators with Evidence of Neovascular (Wet) Age-related Macular Degeneration (nAMD) in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[3]								

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 6c. Signal Identification Outcome Assessment1 Sensitivity Analysis (1 to 56 day risk window and -70 to -15 day control window) with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators with Evidence of Diabetic Macular Edema (DME) in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[3]								

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 6d. Signal Identification Outcome Assessment1 Sensitivity Analysis (1 to 56 day risk window and -70 to -15 day control window) with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators with Evidence of Macular Edema Following Retinal Vein Occlusion (RVO) in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[3]								

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 6e. Signal Identification Outcome Assessment[1] Sensitivity Analysis (1 to 56 day risk window and -70 to -15 day control window) with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic[2], among Faricimab Initiators with Evidence of Prior Use of Any Intravitreal Anti-VEGF Treatment in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
N/A[3]								

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 6f. Signal Identification Outcome Assessment1 Sensitivity Analysis (1 to 56 day risk window and -70 to -15 day control window) with Designated Medical Event (DME) Tree, via Conditional Bernoulli Tree-Based Scan Statistic2, among Faricimab Initiators in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05, by Age Category

Node Name	Node ID	Node Level	Total Node Outcomes among Risk and Control Groups	Node Outcomes Faricimab Initiators	Expected Node Outcomes among Faricimab Initiators	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting								
18-39 Years								
N/A[3]								
40-64 Years								
N/A[3]								
65+ Years								
N/A[3]								
Inpatient, Emergency Department, or Outpatient Setting								
18-39 Years								
N/A[3]								
40-64 Years								
N/A[3]								
65+ Years								
N/A[3]								

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Bernoulli log likelihood ratio (LLR) based test statistic. See Appendix G for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 7a. Signal Identification Outcome Assessment[1] with Designated Medical Event (DME) Tree, via Conditional Tree-Temporal Scan Statistic[2] among Faricimab Initiators in the Sentinel Distributed Database from January 1, 2022 to Latest Available Data, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting									
N/A[3]									
Inpatient, Emergency Department, or Outpatient Setting									
N/A[3]									

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic. See Appendix H for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 7b. Signal Identification Outcome Assessment[1] with Designated Medical Event (DME) Tree, via Conditional Tree-Temporal Scan Statistic[2] among Faricimab Initiators with Evidence of Neovascular (Wet) Age-related Macular Degeneration (nAMD) in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting									
N/A[3]									
Inpatient, Emergency Department, or Outpatient Setting									
N/A[3]									

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic. See Appendix H for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 7c. Signal Identification Outcome Assessment1 with Designated Medical Event (DME) Tree, via Conditional Tree-Temporal Scan Statistic2 among Faricimab Initiators with Evidence of Diabetic Macular Edema (DME) in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting									
N/A[3]									
Inpatient, Emergency Department, or Outpatient Setting									
N/A[3]									

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic. See Appendix H for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 7d. Signal Identification Outcome Assessment1 with Designated Medical Event (DME) Tree, via Conditional Tree-Temporal Scan Statistic2 among Faricimab Initiators with Evidence of Macular Edema Following Retinal Vein Occlusion (RVO) in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting									
N/A[3]									
Inpatient, Emergency Department, or Outpatient Setting									
N/A[3]									

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic. See Appendix H for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 7e. Signal Identification Outcome Assessment1 with Designated Medical Event (DME) Tree, via Conditional Tree-Temporal Scan Statistic2 among Faricimab Initiators with Evidence of Prior Use of Any Intravitreal Anti-VEGF Treatment in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting									
N/A[3]									
Inpatient, Emergency Department, or Outpatient Setting									
N/A[3]									

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic. See Appendix H for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 7f. Signal Identification Outcome Assessment1 with Designated Medical Event (DME) Tree, via Conditional Tree-Temporal Scan Statistic2 among Faricimab Initiators in the Sentinel Distributed Databasefrom January 1, 2022 through the April 30, 2025, P-Value ≤ 0.05, by Age Category

Node Name	Node ID	Node Level	Total Node Outcomes	Time Window	Cases in Window	Expected Cases	Relative Risk	Test Statistic[2]	P-Value
Inpatient or Emergency Department Setting									
18-39 Years									
N/A[3]									
40-64 Years									
N/A[3]									
65+ Years									
N/A[3]									
Inpatient, Emergency Department, or Outpatient Setting									
18-39 Years									
N/A[3]									
40-64 Years									
N/A[3]									
65+ Years									
N/A[3]									

[1]Outcomes were assessed at the 3, 4, and 5th level with a 400-day washout using the hierarchical ICD-10-CM tree structure.

[2]Conditional Tree-Temporal Scan Statistic log likelihood ratio (LLR) based test statistic. See Appendix H for more information.

[3]In this analysis there were no outcome nodes that met the 0.05 p-value threshold.

N/A: Not Applicable

Table 8. Summary of Episode- Level[1] Cohort Attrition in the Sentinel Distributed Database from January 1, 2022 to April 30, 2025

	Faricimab Tree-Only Primary Analysis Cohort (1 to 28 day risk window and -42 to -15 day control window)		Faricimab Tree-Only Sensitivity Analysis Cohort (1 to 56 day risk window and -70 to -15 day control window)		Faricimab Temporal-Only Cohort	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	168,156,364	N/A	166,849,200	N/A	158,401,026	N/A
Had required coverage type (medical and/or drug coverage)	108,984,700	59,171,664	108,113,378	58,735,822	102,915,004	55,486,022
Enrolled during specified age range	96,259,231	12,725,469	95,451,353	12,662,025	90,747,534	12,167,470
Had requestable medical charts	96,259,231	0	95,451,353	0	90,747,534	0
Met demographic requirements (sex, race, and Hispanic origin)	96,193,392	65,839	95,387,322	64,031	90,693,125	54,409
Members with a valid index event						
Had any cohort-defining claim during the query period	183,385	96,010,007	176,065	95,211,257	140,287	90,552,838
Cohort episodes with a valid index date						
Total number of claims with cohort-identifying codes during the query period	1,124,638	N/A	1,053,627	N/A	727,074	N/A
Claim recorded during specified age range	*****	*****	*****	*****	*****	*****
Claim recorded during current look period	*****	*****	*****	*****	*****	*****
Episode defining index claim recorded during the query period	*****	*****	*****	*****	*****	*****
Cohort episodes with required pre-index history						
Had sufficient pre-index continuous enrollment	153,966	30,283	147,147	29,619	119,699	20,838
Met inclusion and exclusioncriteria[2]	153,067	899	146,257	890	119,550	149
Evidence of Pregnancy Delivery	N/A	0	N/A	0	N/A	*****
Evidence of Inpatient Pregnancy Delivery	N/A	*****	N/A	*****	N/A	*****
Evidence of Inpatient Encounter in days [-14, 0]	N/A	821	N/A	791	N/A	N/A
Evidence of Ongoing Pregnancy	N/A	78	N/A	99	N/A	148

Table 8. Summary of Episode- Level[1] Cohort Attrition in the Sentinel Distributed Database from January 1, 2022 to April 30, 2025

	Faricimab Tree-Only Primary Analysis Cohort (1 to 28 day risk window and -42 to -15 day control window)		Faricimab Tree-Only Sensitivity Analysis Cohort (1 to 56 day risk window and -70 to -15 day control window)		Faricimab Temporal-Only Cohort	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Had sufficient post-index continuous enrollment	152,233	834	144,365	1,892	113,867	5,683
Final cohort						
Number of members	151,550	N/A	143,818	N/A	113,698	N/A
Number of episodes	152,233	N/A	144,365	N/A	113,867	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 episodes. Because of this, the number remaining often increases from the member- to episode-level steps.

[2]Episodes can meet multiple inclusion and/or exclusion criteria; therefore, the total number of episodes excluded overall may not equal the sum of all episodes in each criterion.

N/A: Not Applicable

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

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

DP ID[1]	Start Date	End Date[1]
DP01	01/01/2004	03/31/2024
DP02	01/01/2005	07/31/2022
DP03	01/01/2000	12/31/2022
DP04	01/01/2000	04/30/2025
DP05	01/01/2000	01/31/2024
DP06	01/01/2000	04/30/2024
DP07	01/01/2008	12/31/2024
DP08	01/01/2000	01/31/2024
DP09	01/01/2000	04/30/2024
DP10	01/01/2007	10/31/2024
DP11	01/01/2010	09/30/2024
DP12	01/01/2008	03/31/2025
DP13	01/01/2006	10/31/2024

[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 Generic and Brand Names of Medical Products Used to Define Exposures in this Request

Faricimab	
Generic Name	**Brand Name**
faricimab-svoa	Vabysmo

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

	Faricimab		
Code	**Description**	**Code Category**	**Code Type**
C9097	Injection, faricimab-svoa, 0.1 mg	Procedure	HCPCS
J2777	Injection, faricimab-svoa, 0.1 mg	Procedure	HCPCS

Pregnancy Delivery Inpatient			
Code	Description	Code Category	Code Type
0W8NXZZ	Division of Female Perineum, External Approach	Procedure	ICD-10-PCS
10900ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Open Approach	Procedure	ICD-10-PCS
10903ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Percutaneous Approach	Procedure	ICD-10-PCS
10904ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
10907ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10908ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
10D00Z0	Extraction of Products of Conception, High, Open Approach	Procedure	ICD-10-PCS
10D00Z1	Extraction of Products of Conception, Low, Open Approach	Procedure	ICD-10-PCS
10D00Z2	Extraction of Products of Conception, Extraperitoneal, Open Approach	Procedure	ICD-10-PCS
10D07Z3	Extraction of Products of Conception, Low Forceps, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10D07Z4	Extraction of Products of Conception, Mid Forceps, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10D07Z5	Extraction of Products of Conception, High Forceps, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10D07Z6	Extraction of Products of Conception, Vacuum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10D07Z7	Extraction of Products of Conception, Internal Version, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10D07Z8	Extraction of Products of Conception, Other, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10E0XZZ	Delivery of Products of Conception, External Approach	Procedure	ICD-10-PCS
10S07ZZ	Reposition Products of Conception, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
59400	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care	Procedure	CPT-4
59409	Vaginal delivery only (with or without episiotomy and/or forceps);	Procedure	CPT-4
59410	Vaginal delivery only (with or without episiotomy and/or forceps); including postpartum care	Procedure	CPT-4
59510	Routine obstetric care including antepartum care, cesarean delivery, and postpartum care	Procedure	CPT-4
59514	Cesarean delivery only;	Procedure	CPT-4
59515	Cesarean delivery only; including postpartum care	Procedure	CPT-4
59610	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care, after previous cesarean delivery	Procedure	CPT-4
59612	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps);	Procedure	CPT-4
59614	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps); including postpartum care	Procedure	CPT-4

	Pregnancy Delivery Inpatient		
59618	Routine obstetric care including antepartum care, cesarean delivery, and postpartum care, following attempted vaginal delivery after previous cesarean delivery	Procedure	CPT-4
59620	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery;	Procedure	CPT-4
59622	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery; including postpartum care	Procedure	CPT-4
O10.02	Pre-existing essential hypertension complicating childbirth	Diagnosis	ICD-10-CM
O10.12	Pre-existing hypertensive heart disease complicating childbirth	Diagnosis	ICD-10-CM
O10.22	Pre-existing hypertensive chronic kidney disease complicating childbirth	Diagnosis	ICD-10-CM
O10.32	Pre-existing hypertensive heart and chronic kidney disease complicating childbirth	Diagnosis	ICD-10-CM
O10.42	Pre-existing secondary hypertension complicating childbirth	Diagnosis	ICD-10-CM
O10.92	Unspecified pre-existing hypertension complicating childbirth	Diagnosis	ICD-10-CM
O11.4	Pre-existing hypertension with pre-eclampsia, complicating childbirth	Diagnosis	ICD-10-CM
O12.04	Gestational edema, complicating childbirth	Diagnosis	ICD-10-CM
O12.14	Gestational proteinuria, complicating childbirth	Diagnosis	ICD-10-CM
O12.24	Gestational edema with proteinuria, complicating childbirth	Diagnosis	ICD-10-CM
O13.4	Gestational [pregnancy-induced] hypertension without significant proteinuria, complicating childbirth	Diagnosis	ICD-10-CM
O14.04	Mild to moderate pre-eclampsia, complicating childbirth	Diagnosis	ICD-10-CM
O14.14	Severe pre-eclampsia complicating childbirth	Diagnosis	ICD-10-CM
O14.24	HELLP syndrome, complicating childbirth	Diagnosis	ICD-10-CM
O14.94	Unspecified pre-eclampsia, complicating childbirth	Diagnosis	ICD-10-CM
O16.4	Unspecified maternal hypertension, complicating childbirth	Diagnosis	ICD-10-CM
O24.02	Pre-existing type 1 diabetes mellitus, in childbirth	Diagnosis	ICD-10-CM
O24.12	Pre-existing type 2 diabetes mellitus, in childbirth	Diagnosis	ICD-10-CM
O24.32	Unspecified pre-existing diabetes mellitus in childbirth	Diagnosis	ICD-10-CM
O24.420	Gestational diabetes mellitus in childbirth, diet controlled	Diagnosis	ICD-10-CM
O24.424	Gestational diabetes mellitus in childbirth, insulin controlled	Diagnosis	ICD-10-CM
O24.425	Gestational diabetes mellitus in childbirth, controlled by oral hypoglycemic drugs	Diagnosis	ICD-10-CM
O24.429	Gestational diabetes mellitus in childbirth, unspecified control	Diagnosis	ICD-10-CM
O24.82	Other pre-existing diabetes mellitus in childbirth	Diagnosis	ICD-10-CM
O24.92	Unspecified diabetes mellitus in childbirth	Diagnosis	ICD-10-CM
O25.2	Malnutrition in childbirth	Diagnosis	ICD-10-CM
O26.62	Liver and biliary tract disorders in childbirth	Diagnosis	ICD-10-CM
O26.72	Subluxation of symphysis (pubis) in childbirth	Diagnosis	ICD-10-CM
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM

	Pregnancy Delivery Inpatient		
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM
O60.22X0	Term delivery with preterm labor, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O60.22X1	Term delivery with preterm labor, second trimester, fetus 1	Diagnosis	ICD-10-CM
O60.22X2	Term delivery with preterm labor, second trimester, fetus 2	Diagnosis	ICD-10-CM
O60.22X3	Term delivery with preterm labor, second trimester, fetus 3	Diagnosis	ICD-10-CM
O60.22X4	Term delivery with preterm labor, second trimester, fetus 4	Diagnosis	ICD-10-CM
O60.22X5	Term delivery with preterm labor, second trimester, fetus 5	Diagnosis	ICD-10-CM
O60.22X9	Term delivery with preterm labor, second trimester, other fetus	Diagnosis	ICD-10-CM
O60.23X0	Term delivery with preterm labor, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O60.23X1	Term delivery with preterm labor, third trimester, fetus 1	Diagnosis	ICD-10-CM
O60.23X2	Term delivery with preterm labor, third trimester, fetus 2	Diagnosis	ICD-10-CM
O60.23X3	Term delivery with preterm labor, third trimester, fetus 3	Diagnosis	ICD-10-CM
O60.23X4	Term delivery with preterm labor, third trimester, fetus 4	Diagnosis	ICD-10-CM
O60.23X5	Term delivery with preterm labor, third trimester, fetus 5	Diagnosis	ICD-10-CM
O60.23X9	Term delivery with preterm labor, third trimester, other fetus	Diagnosis	ICD-10-CM
O63.2	Delayed delivery of second twin, triplet, etc.	Diagnosis	ICD-10-CM
O67.0	Intrapartum hemorrhage with coagulation defect	Diagnosis	ICD-10-CM
O67.8	Other intrapartum hemorrhage	Diagnosis	ICD-10-CM
O67.9	Intrapartum hemorrhage, unspecified	Diagnosis	ICD-10-CM
O68	Labor and delivery complicated by abnormality of fetal acid-base balance	Diagnosis	ICD-10-CM
O69.0XX0	Labor and delivery complicated by prolapse of cord, not applicable or unspecified	Diagnosis	ICD-10-CM
O69.0XX1	Labor and delivery complicated by prolapse of cord, fetus 1	Diagnosis	ICD-10-CM
O69.0XX2	Labor and delivery complicated by prolapse of cord, fetus 2	Diagnosis	ICD-10-CM
O69.0XX3	Labor and delivery complicated by prolapse of cord, fetus 3	Diagnosis	ICD-10-CM
O69.0XX4	Labor and delivery complicated by prolapse of cord, fetus 4	Diagnosis	ICD-10-CM

Pregnancy Delivery Inpatient			
O69.0XX5	Labor and delivery complicated by prolapse of cord, fetus 5	Diagnosis	ICD-10-CM
O69.0XX9	Labor and delivery complicated by prolapse of cord, other fetus	Diagnosis	ICD-10-CM
O69.1XX0	Labor and delivery complicated by cord around neck, with compression, not applicable or unspecified	Diagnosis	ICD-10-CM
O69.1XX1	Labor and delivery complicated by cord around neck, with compression, fetus 1	Diagnosis	ICD-10-CM
O69.1XX2	Labor and delivery complicated by cord around neck, with compression, fetus 2	Diagnosis	ICD-10-CM
O69.1XX3	Labor and delivery complicated by cord around neck, with compression, fetus 3	Diagnosis	ICD-10-CM
O69.1XX4	Labor and delivery complicated by cord around neck, with compression, fetus 4	Diagnosis	ICD-10-CM
O69.1XX5	Labor and delivery complicated by cord around neck, with compression, fetus 5	Diagnosis	ICD-10-CM
O69.1XX9	Labor and delivery complicated by cord around neck, with compression, other fetus	Diagnosis	ICD-10-CM
O69.2XX0	Labor and delivery complicated by other cord entanglement, with compression, not applicable or unspecified	Diagnosis	ICD-10-CM
O69.2XX1	Labor and delivery complicated by other cord entanglement, with compression, fetus 1	Diagnosis	ICD-10-CM
O69.2XX2	Labor and delivery complicated by other cord entanglement, with compression, fetus 2	Diagnosis	ICD-10-CM
O69.2XX3	Labor and delivery complicated by other cord entanglement, with compression, fetus 3	Diagnosis	ICD-10-CM
O69.2XX4	Labor and delivery complicated by other cord entanglement, with compression, fetus 4	Diagnosis	ICD-10-CM
O69.2XX5	Labor and delivery complicated by other cord entanglement, with compression, fetus 5	Diagnosis	ICD-10-CM
O69.2XX9	Labor and delivery complicated by other cord entanglement, with compression, other fetus	Diagnosis	ICD-10-CM
O69.3XX0	Labor and delivery complicated by short cord, not applicable or unspecified	Diagnosis	ICD-10-CM
O69.3XX1	Labor and delivery complicated by short cord, fetus 1	Diagnosis	ICD-10-CM
O69.3XX2	Labor and delivery complicated by short cord, fetus 2	Diagnosis	ICD-10-CM
O69.3XX3	Labor and delivery complicated by short cord, fetus 3	Diagnosis	ICD-10-CM
O69.3XX4	Labor and delivery complicated by short cord, fetus 4	Diagnosis	ICD-10-CM
O69.3XX5	Labor and delivery complicated by short cord, fetus 5	Diagnosis	ICD-10-CM
O69.3XX9	Labor and delivery complicated by short cord, other fetus	Diagnosis	ICD-10-CM
O69.4XX0	Labor and delivery complicated by vasa previa, not applicable or unspecified	Diagnosis	ICD-10-CM
O69.4XX1	Labor and delivery complicated by vasa previa, fetus 1	Diagnosis	ICD-10-CM
O69.4XX2	Labor and delivery complicated by vasa previa, fetus 2	Diagnosis	ICD-10-CM
O69.4XX3	Labor and delivery complicated by vasa previa, fetus 3	Diagnosis	ICD-10-CM
O69.4XX4	Labor and delivery complicated by vasa previa, fetus 4	Diagnosis	ICD-10-CM
O69.4XX5	Labor and delivery complicated by vasa previa, fetus 5	Diagnosis	ICD-10-CM
O69.4XX9	Labor and delivery complicated by vasa previa, other fetus	Diagnosis	ICD-10-CM
O69.5XX0	Labor and delivery complicated by vascular lesion of cord, not applicable or unspecified	Diagnosis	ICD-10-CM
O69.5XX1	Labor and delivery complicated by vascular lesion of cord, fetus 1	Diagnosis	ICD-10-CM
O69.5XX2	Labor and delivery complicated by vascular lesion of cord, fetus 2	Diagnosis	ICD-10-CM
O69.5XX3	Labor and delivery complicated by vascular lesion of cord, fetus 3	Diagnosis	ICD-10-CM

Pregnancy Delivery Inpatient			
O69.5XX4	Labor and delivery complicated by vascular lesion of cord, fetus 4	Diagnosis	ICD-10-CM
O69.5XX5	Labor and delivery complicated by vascular lesion of cord, fetus 5	Diagnosis	ICD-10-CM
O69.5XX9	Labor and delivery complicated by vascular lesion of cord, other fetus	Diagnosis	ICD-10-CM
O69.81X0	Labor and delivery complicated by cord around neck, without compression, not applicable or unspecified	Diagnosis	ICD-10-CM
O69.81X1	Labor and delivery complicated by cord around neck, without compression, fetus 1	Diagnosis	ICD-10-CM
O69.81X2	Labor and delivery complicated by cord around neck, without compression, fetus 2	Diagnosis	ICD-10-CM
O69.81X3	Labor and delivery complicated by cord around neck, without compression, fetus 3	Diagnosis	ICD-10-CM
O69.81X4	Labor and delivery complicated by cord around neck, without compression, fetus 4	Diagnosis	ICD-10-CM
O69.81X5	Labor and delivery complicated by cord around neck, without compression, fetus 5	Diagnosis	ICD-10-CM
O69.81X9	Labor and delivery complicated by cord around neck, without compression, other fetus	Diagnosis	ICD-10-CM
O69.82X0	Labor and delivery complicated by other cord entanglement, without compression, not applicable or unspecified	Diagnosis	ICD-10-CM
O69.82X1	Labor and delivery complicated by other cord entanglement, without compression, fetus 1	Diagnosis	ICD-10-CM
O69.82X2	Labor and delivery complicated by other cord entanglement, without compression, fetus 2	Diagnosis	ICD-10-CM
O69.82X3	Labor and delivery complicated by other cord entanglement, without compression, fetus 3	Diagnosis	ICD-10-CM
O69.82X4	Labor and delivery complicated by other cord entanglement, without compression, fetus 4	Diagnosis	ICD-10-CM
O69.82X5	Labor and delivery complicated by other cord entanglement, without compression, fetus 5	Diagnosis	ICD-10-CM
O69.82X9	Labor and delivery complicated by other cord entanglement, without compression, other fetus	Diagnosis	ICD-10-CM
O69.89X0	Labor and delivery complicated by other cord complications, not applicable or unspecified	Diagnosis	ICD-10-CM
O69.89X1	Labor and delivery complicated by other cord complications, fetus 1	Diagnosis	ICD-10-CM
O69.89X2	Labor and delivery complicated by other cord complications, fetus 2	Diagnosis	ICD-10-CM
O69.89X3	Labor and delivery complicated by other cord complications, fetus 3	Diagnosis	ICD-10-CM
O69.89X4	Labor and delivery complicated by other cord complications, fetus 4	Diagnosis	ICD-10-CM
O69.89X5	Labor and delivery complicated by other cord complications, fetus 5	Diagnosis	ICD-10-CM
O69.89X9	Labor and delivery complicated by other cord complications, other fetus	Diagnosis	ICD-10-CM
O69.9XX0	Labor and delivery complicated by cord complication, unspecified, not applicable or unspecified	Diagnosis	ICD-10-CM
O69.9XX1	Labor and delivery complicated by cord complication, unspecified, fetus 1	Diagnosis	ICD-10-CM
O69.9XX2	Labor and delivery complicated by cord complication, unspecified, fetus 2	Diagnosis	ICD-10-CM
O69.9XX3	Labor and delivery complicated by cord complication, unspecified, fetus 3	Diagnosis	ICD-10-CM

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

	Pregnancy Delivery Inpatient		
O69.9XX4	Labor and delivery complicated by cord complication, unspecified, fetus 4	Diagnosis	ICD-10-CM
O69.9XX5	Labor and delivery complicated by cord complication, unspecified, fetus 5	Diagnosis	ICD-10-CM
O69.9XX9	Labor and delivery complicated by cord complication, unspecified, other fetus	Diagnosis	ICD-10-CM
O70.0	First degree perineal laceration during delivery	Diagnosis	ICD-10-CM
O70.1	Second degree perineal laceration during delivery	Diagnosis	ICD-10-CM
O70.20	Third degree perineal laceration during delivery, unspecified	Diagnosis	ICD-10-CM
O70.21	Third degree perineal laceration during delivery, IIIa	Diagnosis	ICD-10-CM
O70.22	Third degree perineal laceration during delivery, IIIb	Diagnosis	ICD-10-CM
O70.23	Third degree perineal laceration during delivery, IIIc	Diagnosis	ICD-10-CM
O70.3	Fourth degree perineal laceration during delivery	Diagnosis	ICD-10-CM
O70.4	Anal sphincter tear complicating delivery, not associated with third degree laceration	Diagnosis	ICD-10-CM
O70.9	Perineal laceration during delivery, unspecified	Diagnosis	ICD-10-CM
O74.0	Aspiration pneumonitis due to anesthesia during labor and delivery	Diagnosis	ICD-10-CM
O74.1	Other pulmonary complications of anesthesia during labor and delivery	Diagnosis	ICD-10-CM
O74.2	Cardiac complications of anesthesia during labor and delivery	Diagnosis	ICD-10-CM
O74.3	Central nervous system complications of anesthesia during labor and delivery	Diagnosis	ICD-10-CM
O74.4	Toxic reaction to local anesthesia during labor and delivery	Diagnosis	ICD-10-CM
O74.5	Spinal and epidural anesthesia-induced headache during labor and delivery	Diagnosis	ICD-10-CM
O74.6	Other complications of spinal and epidural anesthesia during labor and delivery	Diagnosis	ICD-10-CM
O74.7	Failed or difficult intubation for anesthesia during labor and delivery	Diagnosis	ICD-10-CM
O74.8	Other complications of anesthesia during labor and delivery	Diagnosis	ICD-10-CM
O74.9	Complication of anesthesia during labor and delivery, unspecified	Diagnosis	ICD-10-CM
O75.0	Maternal distress during labor and delivery	Diagnosis	ICD-10-CM
O75.1	Shock during or following labor and delivery	Diagnosis	ICD-10-CM
O75.5	Delayed delivery after artificial rupture of membranes	Diagnosis	ICD-10-CM
O75.81	Maternal exhaustion complicating labor and delivery	Diagnosis	ICD-10-CM
O75.82	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
O75.89	Other specified complications of labor and delivery	Diagnosis	ICD-10-CM
O75.9	Complication of labor and delivery, unspecified	Diagnosis	ICD-10-CM
O76	Abnormality in fetal heart rate and rhythm complicating labor and delivery	Diagnosis	ICD-10-CM
O77.0	Labor and delivery complicated by meconium in amniotic fluid	Diagnosis	ICD-10-CM
O77.8	Labor and delivery complicated by other evidence of fetal stress	Diagnosis	ICD-10-CM
O77.9	Labor and delivery complicated by fetal stress, unspecified	Diagnosis	ICD-10-CM
O80	Encounter for full-term uncomplicated delivery	Diagnosis	ICD-10-CM
O82	Encounter for cesarean delivery without indication	Diagnosis	ICD-10-CM
O88.02	Air embolism in childbirth	Diagnosis	ICD-10-CM
O88.12	Amniotic fluid embolism in childbirth	Diagnosis	ICD-10-CM
O88.22	Thromboembolism in childbirth	Diagnosis	ICD-10-CM
O88.32	Pyemic and septic embolism in childbirth	Diagnosis	ICD-10-CM
O88.82	Other embolism in childbirth	Diagnosis	ICD-10-CM
O98.02	Tuberculosis complicating childbirth	Diagnosis	ICD-10-CM
O98.12	Syphilis complicating childbirth	Diagnosis	ICD-10-CM

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

Pregnancy Delivery Inpatient			
O98.22	Gonorrhea complicating childbirth	Diagnosis	ICD-10-CM
O98.32	Other infections with a predominantly sexual mode of transmission complicating childbirth	Diagnosis	ICD-10-CM
O98.42	Viral hepatitis complicating childbirth	Diagnosis	ICD-10-CM
O98.52	Other viral diseases complicating childbirth	Diagnosis	ICD-10-CM
O98.62	Protozoal diseases complicating childbirth	Diagnosis	ICD-10-CM
O98.72	Human immunodeficiency virus [HIV] disease complicating childbirth	Diagnosis	ICD-10-CM
O98.82	Other maternal infectious and parasitic diseases complicating childbirth	Diagnosis	ICD-10-CM
O98.92	Unspecified maternal infectious and parasitic disease complicating childbirth	Diagnosis	ICD-10-CM
O99.02	Anemia complicating childbirth	Diagnosis	ICD-10-CM
O99.12	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating childbirth	Diagnosis	ICD-10-CM
O99.214	Obesity complicating childbirth	Diagnosis	ICD-10-CM
O99.284	Endocrine, nutritional and metabolic diseases complicating childbirth	Diagnosis	ICD-10-CM
O99.314	Alcohol use complicating childbirth	Diagnosis	ICD-10-CM
O99.324	Drug use complicating childbirth	Diagnosis	ICD-10-CM
O99.334	Smoking (tobacco) complicating childbirth	Diagnosis	ICD-10-CM
O99.344	Other mental disorders complicating childbirth	Diagnosis	ICD-10-CM
O99.354	Diseases of the nervous system complicating childbirth	Diagnosis	ICD-10-CM
O99.42	Diseases of the circulatory system complicating childbirth	Diagnosis	ICD-10-CM
O99.52	Diseases of the respiratory system complicating childbirth	Diagnosis	ICD-10-CM
O99.62	Diseases of the digestive system complicating childbirth	Diagnosis	ICD-10-CM
O99.72	Diseases of the skin and subcutaneous tissue complicating childbirth	Diagnosis	ICD-10-CM
O99.814	Abnormal glucose complicating childbirth	Diagnosis	ICD-10-CM
O99.824	Streptococcus B carrier state complicating childbirth	Diagnosis	ICD-10-CM
O99.834	Other infection carrier state complicating childbirth	Diagnosis	ICD-10-CM
O99.844	Bariatric surgery status complicating childbirth	Diagnosis	ICD-10-CM
O9A.12	Malignant neoplasm complicating childbirth	Diagnosis	ICD-10-CM
O9A.22	Injury, poisoning and certain other consequences of external causes complicating childbirth	Diagnosis	ICD-10-CM
O9A.32	Physical abuse complicating childbirth	Diagnosis	ICD-10-CM
O9A.42	Sexual abuse complicating childbirth	Diagnosis	ICD-10-CM
O9A.52	Psychological abuse complicating childbirth	Diagnosis	ICD-10-CM
P03.0	Newborn affected by breech delivery and extraction	Diagnosis	ICD-10-CM
P03.2	Newborn affected by forceps delivery	Diagnosis	ICD-10-CM
P03.3	Newborn affected by delivery by vacuum extractor [ventouse]	Diagnosis	ICD-10-CM
P03.4	Newborn affected by Cesarean delivery	Diagnosis	ICD-10-CM
P03.5	Newborn affected by precipitate delivery	Diagnosis	ICD-10-CM
P07.00	Extremely low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM
P07.01	Extremely low birth weight newborn, less than 500 grams	Diagnosis	ICD-10-CM
P07.02	Extremely low birth weight newborn, 500-749 grams	Diagnosis	ICD-10-CM
P07.03	Extremely low birth weight newborn, 750-999 grams	Diagnosis	ICD-10-CM
P07.10	Other low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM
P07.14	Other low birth weight newborn, 1000-1249 grams	Diagnosis	ICD-10-CM

Pregnancy Delivery Inpatient			
P07.15	Other low birth weight newborn, 1250-1499 grams	Diagnosis	ICD-10-CM
P07.16	Other low birth weight newborn, 1500-1749 grams	Diagnosis	ICD-10-CM
P07.17	Other low birth weight newborn, 1750-1999 grams	Diagnosis	ICD-10-CM
P07.18	Other low birth weight newborn, 2000-2499 grams	Diagnosis	ICD-10-CM
P07.20	Extreme immaturity of newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM
P07.21	Extreme immaturity of newborn, gestational age less than 23 completed weeks	Diagnosis	ICD-10-CM
P07.22	Extreme immaturity of newborn, gestational age 23 completed weeks	Diagnosis	ICD-10-CM
P07.23	Extreme immaturity of newborn, gestational age 24 completed weeks	Diagnosis	ICD-10-CM
P07.24	Extreme immaturity of newborn, gestational age 25 completed weeks	Diagnosis	ICD-10-CM
P07.25	Extreme immaturity of newborn, gestational age 26 completed weeks	Diagnosis	ICD-10-CM
P07.26	Extreme immaturity of newborn, gestational age 27 completed weeks	Diagnosis	ICD-10-CM
P07.30	Preterm newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM
P07.31	Preterm newborn, gestational age 28 completed weeks	Diagnosis	ICD-10-CM
P07.32	Preterm newborn, gestational age 29 completed weeks	Diagnosis	ICD-10-CM
P07.33	Preterm newborn, gestational age 30 completed weeks	Diagnosis	ICD-10-CM
P07.34	Preterm newborn, gestational age 31 completed weeks	Diagnosis	ICD-10-CM
P07.35	Preterm newborn, gestational age 32 completed weeks	Diagnosis	ICD-10-CM
P07.36	Preterm newborn, gestational age 33 completed weeks	Diagnosis	ICD-10-CM
P07.37	Preterm newborn, gestational age 34 completed weeks	Diagnosis	ICD-10-CM
P07.38	Preterm newborn, gestational age 35 completed weeks	Diagnosis	ICD-10-CM
P07.39	Preterm newborn, gestational age 36 completed weeks	Diagnosis	ICD-10-CM
P08.21	Post-term newborn	Diagnosis	ICD-10-CM
P08.22	Prolonged gestation of newborn	Diagnosis	ICD-10-CM
Z37.0	Single live birth	Diagnosis	ICD-10-CM
Z37.2	Twins, both liveborn	Diagnosis	ICD-10-CM
Z37.50	Multiple births, unspecified, all liveborn	Diagnosis	ICD-10-CM
Z37.51	Triplets, all liveborn	Diagnosis	ICD-10-CM
Z37.52	Quadruplets, all liveborn	Diagnosis	ICD-10-CM
Z37.53	Quintuplets, all liveborn	Diagnosis	ICD-10-CM
Z37.54	Sextuplets, all liveborn	Diagnosis	ICD-10-CM
Z37.59	Other multiple births, all liveborn	Diagnosis	ICD-10-CM
Z37.9	Outcome of delivery, unspecified	Diagnosis	ICD-10-CM
Z38.00	Single liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z38.01	Single liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z38.1	Single liveborn infant, born outside hospital	Diagnosis	ICD-10-CM
Z38.2	Single liveborn infant, unspecified as to place of birth	Diagnosis	ICD-10-CM
Z38.30	Twin liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z38.31	Twin liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z38.4	Twin liveborn infant, born outside hospital	Diagnosis	ICD-10-CM
Z38.5	Twin liveborn infant, unspecified as to place of birth	Diagnosis	ICD-10-CM
Z38.61	Triplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z38.62	Triplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z38.63	Quadruplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z38.64	Quadruplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM

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

Pregnancy Delivery Inpatient			
Z38.65	Quintuplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z38.66	Quintuplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z38.68	Other multiple liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z38.69	Other multiple liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z38.7	Other multiple liveborn infant, born outside hospital	Diagnosis	ICD-10-CM
Z38.8	Other multiple liveborn infant, unspecified as to place of birth	Diagnosis	ICD-10-CM
Pregnancy Delivery			
01964	ANESTHESIA FOR ABORTION PROCEDURES	Procedure	CPT-4
01965	Anesthesia for incomplete or missed abortion procedures	Procedure	CPT-4
01966	Anesthesia for induced abortion procedures	Procedure	CPT-4
10A00ZZ	Abortion of Products of Conception, Open Approach	Procedure	ICD-10-PCS
10A03ZZ	Abortion of Products of Conception, Percutaneous Approach	Procedure	ICD-10-PCS
10A04ZZ	Abortion of Products of Conception, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
10A07Z6	Abortion of Products of Conception, Vacuum, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10A07ZW	Abortion of Products of Conception, Laminaria, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10A07ZX	Abortion of Products of Conception, Abortifacient, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10A07ZZ	Abortion of Products of Conception, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10A08ZZ	Abortion of Products of Conception, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
10D27ZZ	Extraction of Products of Conception, Ectopic, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10D28ZZ	Extraction of Products of Conception, Ectopic, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
10T20ZZ	Resection of Products of Conception, Ectopic, Open Approach	Procedure	ICD-10-PCS
10T23ZZ	Resection of Products of Conception, Ectopic, Percutaneous Approach	Procedure	ICD-10-PCS
10T24ZZ	Resection of Products of Conception, Ectopic, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
10T27ZZ	Resection of Products of Conception, Ectopic, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
10T28ZZ	Resection of Products of Conception, Ectopic, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
59100	Surgical treatment of ectopic pregnancy: tubal or ovarian, requiring salpingectomy and/or oophorectomy, abdominal or vaginal approach	Procedure	CPT-4
59120	Surgical treatment of ectopic pregnancy; tubal or ovarian, requiring salpingectomy and/or oophorectomy, abdominal or vaginal approach	Procedure	CPT-4
59121	Surgical treatment of ectopic pregnancy; tubal or ovarian, without salpingectomy and/or oophorectomy	Procedure	CPT-4
59125	Surgical Treatment Of Ectopic Pregnancy	Procedure	CPT-4
59126	Surgical Treatment Of Ectopic Pregnancy	Procedure	CPT-4
59130	Surgical treatment of ectopic pregnancy; abdominal pregnancy	Procedure	CPT-4
59135	Surgical treatment of ectopic pregnancy; interstitial, uterine pregnancy requiring total hysterectomy	Procedure	CPT-4
59136	Surgical treatment of ectopic pregnancy; interstitial, uterine pregnancy with partial resection of uterus	Procedure	CPT-4
59140	Surgical treatment of ectopic pregnancy; cervical, with evacuation	Procedure	CPT-4
59150	Laparoscopic treatment of ectopic pregnancy; without salpingectomy and/or oophorectomy	Procedure	CPT-4

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	Pregnancy Delivery Inpatient		
59151	Laparoscopic treatment of ectopic pregnancy; with salpingectomy and/or oophorectomy	Procedure	CPT-4
59812	Treatment of incomplete abortion, any trimester, completed surgically	Procedure	CPT-4
59820	Treatment of incomplete abortion completed surgically, first trimester	Procedure	CPT-4
59821	Treatment of incomplete abortion completed surgically, second trimester	Procedure	CPT-4
59830	Treatment of septic abortion, completed surgically	Procedure	CPT-4
59840	INDUCED ABORTION, BY DILATION AND CURETTAGE	Procedure	CPT-4
59841	INDUCED ABORTION, BY DILATION AND EVACUATION	Procedure	CPT-4
59850	INDUCED ABORTION, BY ONE OR MORE INTRAAMNIOTIC INJECTIONS	Procedure	CPT-4
59851	INDUCED ABORTION, BY ONE OR MORE INTRAAMNIOTIC INJECTIONS, WITH DILATION AND CURETTAGE AND/OR EVACUATION	Procedure	CPT-4
59852	INDUCED ABORTION, BY ONE OR MORE INTRAAMNIOTIC INJECTIONS, WITH HYSTEROTOMY	Procedure	CPT-4
59855	INDUCED ABORTION, BY ONE OR MORE VAGINAL SUPPOSITORIES	Procedure	CPT-4
59856	INDUCED ABORTION, BY ONE OR MORE VAGINAL SUPPOSITORIES, WITH DILATION AND CURETTAGE AND/OR EVACUATION	Procedure	CPT-4
59857	INDUCED ABORTION, BY ONE OR MORE VAGINAL SUPPOSITORIES, WITH HYSTEROTOMY	Procedure	CPT-4
59870	Evacuation and curettage of uterus for hydatidiform mole	Procedure	CPT-4
88016	Necropsy (autopsy), gross examination only; macerated stillborn	Procedure	CPT-4
O00	Ectopic pregnancy	Diagnosis	ICD-10-CM
O00.0	Abdominal pregnancy	Diagnosis	ICD-10-CM
O00.00	Abdominal pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.01	Abdominal pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.1	Tubal pregnancy	Diagnosis	ICD-10-CM
O00.10	Tubal pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.101	Right tubal pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.102	Left tubal pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.109	Unspecified tubal pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.11	Tubal pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.111	Right tubal pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.112	Left tubal pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.119	Unspecified tubal pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.2	Ovarian pregnancy	Diagnosis	ICD-10-CM
O00.20	Ovarian pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.201	Right ovarian pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.202	Left ovarian pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.209	Unspecified ovarian pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.21	Ovarian pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.211	Right ovarian pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.212	Left ovarian pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.219	Unspecified ovarian pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.8	Other ectopic pregnancy	Diagnosis	ICD-10-CM
O00.80	Other ectopic pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM

Pregnancy Delivery Inpatient			
O00.81	Other ectopic pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.9	Ectopic pregnancy, unspecified	Diagnosis	ICD-10-CM
O00.90	Unspecified ectopic pregnancy without intrauterine pregnancy	Diagnosis	ICD-10-CM
O00.91	Unspecified ectopic pregnancy with intrauterine pregnancy	Diagnosis	ICD-10-CM
O01	Hydatidiform mole	Diagnosis	ICD-10-CM
O01.0	Classical hydatidiform mole	Diagnosis	ICD-10-CM
O01.1	Incomplete and partial hydatidiform mole	Diagnosis	ICD-10-CM
O01.9	Hydatidiform mole, unspecified	Diagnosis	ICD-10-CM
O02.0	Blighted ovum and nonhydatidiform mole	Diagnosis	ICD-10-CM
O02.1	Missed abortion	Diagnosis	ICD-10-CM
O02.89	Other abnormal products of conception	Diagnosis	ICD-10-CM
O02.9	Abnormal product of conception, unspecified	Diagnosis	ICD-10-CM
O03	Spontaneous abortion	Diagnosis	ICD-10-CM
O03.0	Genital tract and pelvic infection following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O03.1	Delayed or excessive hemorrhage following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O03.2	Embolism following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O03.30	Unspecified complication following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O03.31	Shock following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O03.32	Renal failure following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O03.33	Metabolic disorder following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O03.34	Damage to pelvic organs following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O03.35	Other venous complications following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O03.36	Cardiac arrest following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O03.37	Sepsis following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O03.38	Urinary tract infection following incomplete spontaneous abortion	Diagnosis	ICD-10-CM
O03.39	Incomplete spontaneous abortion with other complications	Diagnosis	ICD-10-CM
O03.4	Incomplete spontaneous abortion without complication	Diagnosis	ICD-10-CM
O03.5	Genital tract and pelvic infection following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O03.6	Delayed or excessive hemorrhage following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O03.7	Embolism following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O03.80	Unspecified complication following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O03.81	Shock following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O03.82	Renal failure following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O03.83	Metabolic disorder following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O03.84	Damage to pelvic organs following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O03.85	Other venous complications following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O03.86	Cardiac arrest following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O03.87	Sepsis following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM
O03.88	Urinary tract infection following complete or unspecified spontaneous abortion	Diagnosis	ICD-10-CM

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	Pregnancy Delivery Inpatient		
O03.89	Complete or unspecified spontaneous abortion with other complications	Diagnosis	ICD-10-CM
O03.9	Complete or unspecified spontaneous abortion without complication	Diagnosis	ICD-10-CM
O04	Complications following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O04.5	Genital tract and pelvic infection following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O04.6	Delayed or excessive hemorrhage following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O04.7	Embolism following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O04.8	(Induced) termination of pregnancy with other and unspecified complications	Diagnosis	ICD-10-CM
O04.80	(Induced) termination of pregnancy with unspecified complications	Diagnosis	ICD-10-CM
O04.81	Shock following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O04.82	Renal failure following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O04.83	Metabolic disorder following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O04.84	Damage to pelvic organs following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O04.85	Other venous complications following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O04.86	Cardiac arrest following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O04.87	Sepsis following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O04.88	Urinary tract infection following (induced) termination of pregnancy	Diagnosis	ICD-10-CM
O04.89	(Induced) termination of pregnancy with other complications	Diagnosis	ICD-10-CM
O08.0	Genital tract and pelvic infection following ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O08.1	Delayed or excessive hemorrhage following ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O08.2	Embolism following ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O08.3	Shock following ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O08.4	Renal failure following ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O08.5	Metabolic disorders following an ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O08.6	Damage to pelvic organs and tissues following an ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O08.7	Other venous complications following an ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O08.81	Cardiac arrest following an ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O08.82	Sepsis following ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O08.83	Urinary tract infection following an ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O08.89	Other complications following an ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O08.9	Unspecified complication following an ectopic and molar pregnancy	Diagnosis	ICD-10-CM
O31.00X0	Papyraceous fetus, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.00X1	Papyraceous fetus, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM
O31.00X2	Papyraceous fetus, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM
O31.00X3	Papyraceous fetus, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM
O31.00X4	Papyraceous fetus, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM
O31.00X5	Papyraceous fetus, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM
O31.00X9	Papyraceous fetus, unspecified trimester, other fetus	Diagnosis	ICD-10-CM
O31.02X0	Papyraceous fetus, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.02X1	Papyraceous fetus, second trimester, fetus 1	Diagnosis	ICD-10-CM
O31.02X2	Papyraceous fetus, second trimester, fetus 2	Diagnosis	ICD-10-CM
O31.02X3	Papyraceous fetus, second trimester, fetus 3	Diagnosis	ICD-10-CM
O31.02X4	Papyraceous fetus, second trimester, fetus 4	Diagnosis	ICD-10-CM
O31.02X5	Papyraceous fetus, second trimester, fetus 5	Diagnosis	ICD-10-CM
O31.02X9	Papyraceous fetus, second trimester, other fetus	Diagnosis	ICD-10-CM

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	Pregnancy Delivery Inpatient		
O31.03X0	Papyraceous fetus, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.03X1	Papyraceous fetus, third trimester, fetus 1	Diagnosis	ICD-10-CM
O31.03X2	Papyraceous fetus, third trimester, fetus 2	Diagnosis	ICD-10-CM
O31.03X3	Papyraceous fetus, third trimester, fetus 3	Diagnosis	ICD-10-CM
O31.03X4	Papyraceous fetus, third trimester, fetus 4	Diagnosis	ICD-10-CM
O31.03X5	Papyraceous fetus, third trimester, fetus 5	Diagnosis	ICD-10-CM
O31.03X9	Papyraceous fetus, third trimester, other fetus	Diagnosis	ICD-10-CM
O31.10X0	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.10X1	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM
O31.10X2	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM
O31.10X3	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM
O31.10X4	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM
O31.10X5	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM
O31.10X9	Continuing pregnancy after spontaneous abortion of one fetus or more, unspecified trimester, other fetus	Diagnosis	ICD-10-CM
O31.11X0	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.11X1	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 1	Diagnosis	ICD-10-CM
O31.11X2	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 2	Diagnosis	ICD-10-CM
O31.11X3	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 3	Diagnosis	ICD-10-CM
O31.11X4	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 4	Diagnosis	ICD-10-CM
O31.11X5	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 5	Diagnosis	ICD-10-CM
O31.11X9	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, other fetus	Diagnosis	ICD-10-CM
O31.12X0	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.12X1	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 1	Diagnosis	ICD-10-CM
O31.12X2	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 2	Diagnosis	ICD-10-CM
O31.12X3	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 3	Diagnosis	ICD-10-CM

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	Pregnancy Delivery Inpatient		
O31.12X4	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 4	Diagnosis	ICD-10-CM
O31.12X5	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 5	Diagnosis	ICD-10-CM
O31.12X9	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, other fetus	Diagnosis	ICD-10-CM
O31.13X0	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.13X1	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 1	Diagnosis	ICD-10-CM
O31.13X2	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 2	Diagnosis	ICD-10-CM
O31.13X3	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 3	Diagnosis	ICD-10-CM
O31.13X4	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 4	Diagnosis	ICD-10-CM
O31.13X5	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 5	Diagnosis	ICD-10-CM
O31.13X9	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, other fetus	Diagnosis	ICD-10-CM
O31.2	Continuing pregnancy after intrauterine death of one fetus or more	Diagnosis	ICD-10-CM
O31.20X0	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.20X1	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM
O31.20X2	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM
O31.20X3	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM
O31.20X4	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM
O31.20X5	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM
O31.20X9	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, other fetus	Diagnosis	ICD-10-CM
O31.22X0	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.22X1	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 1	Diagnosis	ICD-10-CM
O31.22X2	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 2	Diagnosis	ICD-10-CM
O31.22X3	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 3	Diagnosis	ICD-10-CM

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	Pregnancy Delivery Inpatient		
O31.22X4	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 4	Diagnosis	ICD-10-CM
O31.22X5	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 5	Diagnosis	ICD-10-CM
O31.22X9	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, other fetus	Diagnosis	ICD-10-CM
O31.23X1	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 1	Diagnosis	ICD-10-CM
O31.23X2	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 2	Diagnosis	ICD-10-CM
O31.23X3	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 3	Diagnosis	ICD-10-CM
O31.23X4	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 4	Diagnosis	ICD-10-CM
O31.23X5	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 5	Diagnosis	ICD-10-CM
O36.4	Maternal care for intrauterine death	Diagnosis	ICD-10-CM
O36.4XX0	Maternal care for intrauterine death, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.4XX1	Maternal care for intrauterine death, fetus 1	Diagnosis	ICD-10-CM
O36.4XX2	Maternal care for intrauterine death, fetus 2	Diagnosis	ICD-10-CM
O36.4XX3	Maternal care for intrauterine death, fetus 3	Diagnosis	ICD-10-CM
O36.4XX4	Maternal care for intrauterine death, fetus 4	Diagnosis	ICD-10-CM
O36.4XX5	Maternal care for intrauterine death, fetus 5	Diagnosis	ICD-10-CM
O36.4XX9	Maternal care for intrauterine death, other fetus	Diagnosis	ICD-10-CM
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM
O60.20X0	Term delivery with preterm labor, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O60.20X1	Term delivery with preterm labor, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM
O60.20X2	Term delivery with preterm labor, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM
O60.20X3	Term delivery with preterm labor, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM
O60.20X4	Term delivery with preterm labor, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM
O60.20X5	Term delivery with preterm labor, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM
O60.20X9	Term delivery with preterm labor, unspecified trimester, other fetus	Diagnosis	ICD-10-CM
P95	Stillbirth	Diagnosis	ICD-10-CM
S0190	Mifepristone, oral, 200 mg	Procedure	HCPCS
S0191	Misoprostol, oral, 200 mcg	Procedure	HCPCS

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	Pregnancy Delivery Inpatient		
S0199	Medically induced abortion by oral ingestion of medication including all associated services and supplies (e.g., patient counseling, office visits, confirmation of pregnancy by HCG, ultrasound to confirm duration of pregnancy, ultrasound to confirm completion of abortion) except drugs	Procedure	HCPCS
S2260	Induced abortion, 17 to 24 weeks	Procedure	HCPCS
S2262	Abortion for maternal indication, 25 weeks or greater	Procedure	HCPCS
S2265	Induced abortion, 25 to 28 weeks	Procedure	HCPCS
S2266	Induced abortion, 29 to 31 weeks	Procedure	HCPCS
S2267	Induced abortion, 32 weeks or greater	Procedure	HCPCS
Z33.2	Encounter for elective termination of pregnancy	Diagnosis	ICD-10-CM
Z37.1	Single stillbirth	Diagnosis	ICD-10-CM
Z37.3	Twins, one liveborn and one stillborn	Diagnosis	ICD-10-CM
Z37.4	Twins, both stillborn	Diagnosis	ICD-10-CM
Z37.60	Multiple births, unspecified, some liveborn	Diagnosis	ICD-10-CM
Z37.61	Triplets, some liveborn	Diagnosis	ICD-10-CM
Z37.62	Quadruplets, some liveborn	Diagnosis	ICD-10-CM
Z37.63	Quintuplets, some liveborn	Diagnosis	ICD-10-CM
Z37.64	Sextuplets, some liveborn	Diagnosis	ICD-10-CM
Z37.69	Other multiple births, some liveborn	Diagnosis	ICD-10-CM
Z37.7	Other multiple births, all stillborn	Diagnosis	ICD-10-CM
Ongoing Pregnancy			
58321	ARTIFICIAL INSEMINATION; INTRA-CERVICAL	Procedure	CPT-4
58322	ARTIFICIAL INSEMINATION	Procedure	CPT-4
58974	TRANSFER OF EMBRYO	Procedure	CPT-4
58976	Gamete, zygote, or embryo intrafallopian transfer	Procedure	CPT-4
59015	Chorionic villus sampling, any method	Procedure	CPT-4
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
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
76805	Complete Ultrasounds (Maternal and Fetal Evaluation); Second and Third Trimesters (Single or First Gestation)	Procedure	CPT-4
76810	Complete Ultrasounds (Maternal and Fetal Evaluation); Second and Third Trimesters (Each Additional Gestation)	Procedure	CPT-4
76811	Detailed fetal anatomic examination (single or first gestation)	Procedure	CPT-4
76812	Detailed fetal anatomic examination (Each additional Gestation)	Procedure	CPT-4
76813	Nuchal Translucency Measurement (Single or First Gestation)	Procedure	CPT-4
76814	Nuchal Translucency Measurement (Each Additional Gestation)	Procedure	CPT-4
81420	Fetal aneuploidy genomic sequence analysis, cell-free fetal DNA	Procedure	CPT-4
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

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	Pregnancy Delivery Inpatient		
82106	Alpha-fetoprotein, amniotic	Procedure	CPT-4
82677	Assay of estriol	Procedure	CPT-4
82950	Glucose; post glucose dose (includes glucose)	Procedure	CPT-4
82951	Glucose; tolerance test (GTT), 3 specimens (includes glucose)	Procedure	CPT-4
82952	Glucose tolerance test, additional beyond 3 specimens	Procedure	CPT-4
84163	PAPP-A serum test	Procedure	CPT-4
86336	Inhibin A	Procedure	CPT-4
87081	Group B streptococcus screening (genital)	Procedure	CPT-4
O09.01	Supervision of pregnancy with history of infertility, first trimester	Diagnosis	ICD-10-CM
O09.02	Supervision of pregnancy with history of infertility, second trimester	Diagnosis	ICD-10-CM
O09.03	Supervision of pregnancy with history of infertility, third trimester	Diagnosis	ICD-10-CM
O09.11	Supervision of pregnancy with history of ectopic pregnancy, first trimester	Diagnosis	ICD-10-CM
O09.12	Supervision of pregnancy with history of ectopic pregnancy, second trimester	Diagnosis	ICD-10-CM
O09.13	Supervision of pregnancy with history of ectopic pregnancy, third trimester	Diagnosis	ICD-10-CM
O09.211	Supervision of pregnancy with history of pre-term labor, first trimester	Diagnosis	ICD-10-CM
O09.212	Supervision of pregnancy with history of pre-term labor, second trimester	Diagnosis	ICD-10-CM
O09.213	Supervision of pregnancy with history of pre-term labor, third trimester	Diagnosis	ICD-10-CM
O09.291	Supervision of pregnancy with other poor reproductive or obstetric history, first trimester	Diagnosis	ICD-10-CM
O09.292	Supervision of pregnancy with other poor reproductive or obstetric history, second trimester	Diagnosis	ICD-10-CM
O09.293	Supervision of pregnancy with other poor reproductive or obstetric history, third trimester	Diagnosis	ICD-10-CM
O09.31	Supervision of pregnancy with insufficient antenatal care, first trimester	Diagnosis	ICD-10-CM
O09.32	Supervision of pregnancy with insufficient antenatal care, second trimester	Diagnosis	ICD-10-CM
O09.33	Supervision of pregnancy with insufficient antenatal care, third trimester	Diagnosis	ICD-10-CM
O09.41	Supervision of pregnancy with grand multiparity, first trimester	Diagnosis	ICD-10-CM
O09.42	Supervision of pregnancy with grand multiparity, second trimester	Diagnosis	ICD-10-CM
O09.43	Supervision of pregnancy with grand multiparity, third trimester	Diagnosis	ICD-10-CM
O09.511	Supervision of elderly primigravida, first trimester	Diagnosis	ICD-10-CM
O09.512	Supervision of elderly primigravida, second trimester	Diagnosis	ICD-10-CM
O09.513	Supervision of elderly primigravida, third trimester	Diagnosis	ICD-10-CM
O09.521	Supervision of elderly multigravida, first trimester	Diagnosis	ICD-10-CM
O09.522	Supervision of elderly multigravida, second trimester	Diagnosis	ICD-10-CM
O09.523	Supervision of elderly multigravida, third trimester	Diagnosis	ICD-10-CM
O09.611	Supervision of young primigravida, first trimester	Diagnosis	ICD-10-CM
O09.612	Supervision of young primigravida, second trimester	Diagnosis	ICD-10-CM
O09.613	Supervision of young primigravida, third trimester	Diagnosis	ICD-10-CM
O09.621	Supervision of young multigravida, first trimester	Diagnosis	ICD-10-CM
O09.622	Supervision of young multigravida, second trimester	Diagnosis	ICD-10-CM
O09.623	Supervision of young multigravida, third trimester	Diagnosis	ICD-10-CM
O09.71	Supervision of high risk pregnancy due to social problems, first trimester	Diagnosis	ICD-10-CM
O09.72	Supervision of high risk pregnancy due to social problems, second trimester	Diagnosis	ICD-10-CM
O09.73	Supervision of high risk pregnancy due to social problems, third trimester	Diagnosis	ICD-10-CM

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	Pregnancy Delivery Inpatient		
O09.811	Supervision of pregnancy resulting from assisted reproductive technology, first trimester	Diagnosis	ICD-10-CM
O09.812	Supervision of pregnancy resulting from assisted reproductive technology, second trimester	Diagnosis	ICD-10-CM
O09.813	Supervision of pregnancy resulting from assisted reproductive technology, third trimester	Diagnosis	ICD-10-CM
O09.821	Supervision of pregnancy with history of in utero procedure during previous pregnancy, first trimester	Diagnosis	ICD-10-CM
O09.822	Supervision of pregnancy with history of in utero procedure during previous pregnancy, second trimester	Diagnosis	ICD-10-CM
O09.823	Supervision of pregnancy with history of in utero procedure during previous pregnancy, third trimester	Diagnosis	ICD-10-CM
O09.891	Supervision of other high risk pregnancies, first trimester	Diagnosis	ICD-10-CM
O09.892	Supervision of other high risk pregnancies, second trimester	Diagnosis	ICD-10-CM
O09.893	Supervision of other high risk pregnancies, third trimester	Diagnosis	ICD-10-CM
O09.91	Supervision of high risk pregnancy, unspecified, first trimester	Diagnosis	ICD-10-CM
O09.92	Supervision of high risk pregnancy, unspecified, second trimester	Diagnosis	ICD-10-CM
O09.93	Supervision of high risk pregnancy, unspecified, third trimester	Diagnosis	ICD-10-CM
O09.A1	Supervision of pregnancy with history of molar pregnancy, first trimester	Diagnosis	ICD-10-CM
O09.A2	Supervision of pregnancy with history of molar pregnancy, second trimester	Diagnosis	ICD-10-CM
O09.A3	Supervision of pregnancy with history of molar pregnancy, third trimester	Diagnosis	ICD-10-CM
O10.011	Pre-existing essential hypertension complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O10.012	Pre-existing essential hypertension complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O10.013	Pre-existing essential hypertension complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O10.111	Pre-existing hypertensive heart disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O10.112	Pre-existing hypertensive heart disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O10.113	Pre-existing hypertensive heart disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O10.211	Pre-existing hypertensive chronic kidney disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O10.212	Pre-existing hypertensive chronic kidney disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O10.213	Pre-existing hypertensive chronic kidney disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O10.311	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O10.312	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O10.313	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O10.411	Pre-existing secondary hypertension complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O10.412	Pre-existing secondary hypertension complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O10.413	Pre-existing secondary hypertension complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O10.911	Unspecified pre-existing hypertension complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O10.912	Unspecified pre-existing hypertension complicating pregnancy, second trimester	Diagnosis	ICD-10-CM

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	Pregnancy Delivery Inpatient		
O10.913	Unspecified pre-existing hypertension complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O11.1	Pre-existing hypertension with pre-eclampsia, first trimester	Diagnosis	ICD-10-CM
O11.2	Pre-existing hypertension with pre-eclampsia, second trimester	Diagnosis	ICD-10-CM
O11.3	Pre-existing hypertension with pre-eclampsia, third trimester	Diagnosis	ICD-10-CM
O12.01	Gestational edema, first trimester	Diagnosis	ICD-10-CM
O12.02	Gestational edema, second trimester	Diagnosis	ICD-10-CM
O12.03	Gestational edema, third trimester	Diagnosis	ICD-10-CM
O12.11	Gestational proteinuria, first trimester	Diagnosis	ICD-10-CM
O12.12	Gestational proteinuria, second trimester	Diagnosis	ICD-10-CM
O12.13	Gestational proteinuria, third trimester	Diagnosis	ICD-10-CM
O12.21	Gestational edema with proteinuria, first trimester	Diagnosis	ICD-10-CM
O12.22	Gestational edema with proteinuria, second trimester	Diagnosis	ICD-10-CM
O12.23	Gestational edema with proteinuria, third trimester	Diagnosis	ICD-10-CM
O13.1	Gestational [pregnancy-induced] hypertension without significant proteinuria, first trimester	Diagnosis	ICD-10-CM
O13.2	Gestational [pregnancy-induced] hypertension without significant proteinuria, second trimester	Diagnosis	ICD-10-CM
O13.3	Gestational [pregnancy-induced] hypertension without significant proteinuria, third trimester	Diagnosis	ICD-10-CM
O14.02	Mild to moderate pre-eclampsia, second trimester	Diagnosis	ICD-10-CM
O14.03	Mild to moderate pre-eclampsia, third trimester	Diagnosis	ICD-10-CM
O14.12	Severe pre-eclampsia, second trimester	Diagnosis	ICD-10-CM
O14.13	Severe pre-eclampsia, third trimester	Diagnosis	ICD-10-CM
O14.22	HELLP syndrome (HELLP), second trimester	Diagnosis	ICD-10-CM
O14.23	HELLP syndrome (HELLP), third trimester	Diagnosis	ICD-10-CM
O14.92	Unspecified pre-eclampsia, second trimester	Diagnosis	ICD-10-CM
O14.93	Unspecified pre-eclampsia, third trimester	Diagnosis	ICD-10-CM
O15.02	Eclampsia complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O15.03	Eclampsia complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O16.1	Unspecified maternal hypertension, first trimester	Diagnosis	ICD-10-CM
O16.2	Unspecified maternal hypertension, second trimester	Diagnosis	ICD-10-CM
O16.3	Unspecified maternal hypertension, third trimester	Diagnosis	ICD-10-CM
O22.01	Varicose veins of lower extremity in pregnancy, first trimester	Diagnosis	ICD-10-CM
O22.02	Varicose veins of lower extremity in pregnancy, second trimester	Diagnosis	ICD-10-CM
O22.03	Varicose veins of lower extremity in pregnancy, third trimester	Diagnosis	ICD-10-CM
O22.11	Genital varices in pregnancy, first trimester	Diagnosis	ICD-10-CM
O22.12	Genital varices in pregnancy, second trimester	Diagnosis	ICD-10-CM
O22.13	Genital varices in pregnancy, third trimester	Diagnosis	ICD-10-CM
O22.21	Superficial thrombophlebitis in pregnancy, first trimester	Diagnosis	ICD-10-CM
O22.22	Superficial thrombophlebitis in pregnancy, second trimester	Diagnosis	ICD-10-CM
O22.23	Superficial thrombophlebitis in pregnancy, third trimester	Diagnosis	ICD-10-CM
O22.31	Deep phlebothrombosis in pregnancy, first trimester	Diagnosis	ICD-10-CM
O22.32	Deep phlebothrombosis in pregnancy, second trimester	Diagnosis	ICD-10-CM
O22.33	Deep phlebothrombosis in pregnancy, third trimester	Diagnosis	ICD-10-CM

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

Pregnancy Delivery Inpatient			
O22.41	Hemorrhoids in pregnancy, first trimester	Diagnosis	ICD-10-CM
O22.42	Hemorrhoids in pregnancy, second trimester	Diagnosis	ICD-10-CM
O22.43	Hemorrhoids in pregnancy, third trimester	Diagnosis	ICD-10-CM
O22.51	Cerebral venous thrombosis in pregnancy, first trimester	Diagnosis	ICD-10-CM
O22.52	Cerebral venous thrombosis in pregnancy, second trimester	Diagnosis	ICD-10-CM
O22.53	Cerebral venous thrombosis in pregnancy, third trimester	Diagnosis	ICD-10-CM
O22.8X1	Other venous complications in pregnancy, first trimester	Diagnosis	ICD-10-CM
O22.8X2	Other venous complications in pregnancy, second trimester	Diagnosis	ICD-10-CM
O22.8X3	Other venous complications in pregnancy, third trimester	Diagnosis	ICD-10-CM
O22.91	Venous complication in pregnancy, unspecified, first trimester	Diagnosis	ICD-10-CM
O22.92	Venous complication in pregnancy, unspecified, second trimester	Diagnosis	ICD-10-CM
O22.93	Venous complication in pregnancy, unspecified, third trimester	Diagnosis	ICD-10-CM
O23.01	Infections of kidney in pregnancy, first trimester	Diagnosis	ICD-10-CM
O23.02	Infections of kidney in pregnancy, second trimester	Diagnosis	ICD-10-CM
O23.03	Infections of kidney in pregnancy, third trimester	Diagnosis	ICD-10-CM
O23.11	Infections of bladder in pregnancy, first trimester	Diagnosis	ICD-10-CM
O23.12	Infections of bladder in pregnancy, second trimester	Diagnosis	ICD-10-CM
O23.13	Infections of bladder in pregnancy, third trimester	Diagnosis	ICD-10-CM
O23.21	Infections of urethra in pregnancy, first trimester	Diagnosis	ICD-10-CM
O23.22	Infections of urethra in pregnancy, second trimester	Diagnosis	ICD-10-CM
O23.23	Infections of urethra in pregnancy, third trimester	Diagnosis	ICD-10-CM
O23.31	Infections of other parts of urinary tract in pregnancy, first trimester	Diagnosis	ICD-10-CM
O23.32	Infections of other parts of urinary tract in pregnancy, second trimester	Diagnosis	ICD-10-CM
O23.33	Infections of other parts of urinary tract in pregnancy, third trimester	Diagnosis	ICD-10-CM
O23.41	Unspecified infection of urinary tract in pregnancy, first trimester	Diagnosis	ICD-10-CM
O23.42	Unspecified infection of urinary tract in pregnancy, second trimester	Diagnosis	ICD-10-CM
O23.43	Unspecified infection of urinary tract in pregnancy, third trimester	Diagnosis	ICD-10-CM
O23.511	Infections of cervix in pregnancy, first trimester	Diagnosis	ICD-10-CM
O23.512	Infections of cervix in pregnancy, second trimester	Diagnosis	ICD-10-CM
O23.513	Infections of cervix in pregnancy, third trimester	Diagnosis	ICD-10-CM
O23.521	Salpingo-oophoritis in pregnancy, first trimester	Diagnosis	ICD-10-CM
O23.522	Salpingo-oophoritis in pregnancy, second trimester	Diagnosis	ICD-10-CM
O23.523	Salpingo-oophoritis in pregnancy, third trimester	Diagnosis	ICD-10-CM
O23.591	Infection of other part of genital tract in pregnancy, first trimester	Diagnosis	ICD-10-CM
O23.592	Infection of other part of genital tract in pregnancy, second trimester	Diagnosis	ICD-10-CM
O23.593	Infection of other part of genital tract in pregnancy, third trimester	Diagnosis	ICD-10-CM
O23.91	Unspecified genitourinary tract infection in pregnancy, first trimester	Diagnosis	ICD-10-CM
O23.92	Unspecified genitourinary tract infection in pregnancy, second trimester	Diagnosis	ICD-10-CM
O23.93	Unspecified genitourinary tract infection in pregnancy, third trimester	Diagnosis	ICD-10-CM
O24.011	Pre-existing type 1 diabetes mellitus, in pregnancy, first trimester	Diagnosis	ICD-10-CM
O24.012	Pre-existing type 1 diabetes mellitus, in pregnancy, second trimester	Diagnosis	ICD-10-CM
O24.013	Pre-existing type 1 diabetes mellitus, in pregnancy, third trimester	Diagnosis	ICD-10-CM
O24.111	Pre-existing type 2 diabetes mellitus, in pregnancy, first trimester	Diagnosis	ICD-10-CM
O24.112	Pre-existing type 2 diabetes mellitus, in pregnancy, second trimester	Diagnosis	ICD-10-CM

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

	Pregnancy Delivery Inpatient		
O24.113	Pre-existing type 2 diabetes mellitus, in pregnancy, third trimester	Diagnosis	ICD-10-CM
O24.311	Unspecified pre-existing diabetes mellitus in pregnancy, first trimester	Diagnosis	ICD-10-CM
O24.312	Unspecified pre-existing diabetes mellitus in pregnancy, second trimester	Diagnosis	ICD-10-CM
O24.313	Unspecified pre-existing diabetes mellitus in pregnancy, third trimester	Diagnosis	ICD-10-CM
O24.811	Other pre-existing diabetes mellitus in pregnancy, first trimester	Diagnosis	ICD-10-CM
O24.812	Other pre-existing diabetes mellitus in pregnancy, second trimester	Diagnosis	ICD-10-CM
O24.813	Other pre-existing diabetes mellitus in pregnancy, third trimester	Diagnosis	ICD-10-CM
O24.911	Unspecified diabetes mellitus in pregnancy, first trimester	Diagnosis	ICD-10-CM
O24.912	Unspecified diabetes mellitus in pregnancy, second trimester	Diagnosis	ICD-10-CM
O24.913	Unspecified diabetes mellitus in pregnancy, third trimester	Diagnosis	ICD-10-CM
O25.11	Malnutrition in pregnancy, first trimester	Diagnosis	ICD-10-CM
O25.12	Malnutrition in pregnancy, second trimester	Diagnosis	ICD-10-CM
O25.13	Malnutrition in pregnancy, third trimester	Diagnosis	ICD-10-CM
O26.01	Excessive weight gain in pregnancy, first trimester	Diagnosis	ICD-10-CM
O26.02	Excessive weight gain in pregnancy, second trimester	Diagnosis	ICD-10-CM
O26.03	Excessive weight gain in pregnancy, third trimester	Diagnosis	ICD-10-CM
O26.11	Low weight gain in pregnancy, first trimester	Diagnosis	ICD-10-CM
O26.12	Low weight gain in pregnancy, second trimester	Diagnosis	ICD-10-CM
O26.13	Low weight gain in pregnancy, third trimester	Diagnosis	ICD-10-CM
O26.21	Pregnancy care for patient with recurrent pregnancy loss, first trimester	Diagnosis	ICD-10-CM
O26.22	Pregnancy care for patient with recurrent pregnancy loss, second trimester	Diagnosis	ICD-10-CM
O26.23	Pregnancy care for patient with recurrent pregnancy loss, third trimester	Diagnosis	ICD-10-CM
O26.31	Retained intrauterine contraceptive device in pregnancy, first trimester	Diagnosis	ICD-10-CM
O26.32	Retained intrauterine contraceptive device in pregnancy, second trimester	Diagnosis	ICD-10-CM
O26.33	Retained intrauterine contraceptive device in pregnancy, third trimester	Diagnosis	ICD-10-CM
O26.41	Herpes gestationis, first trimester	Diagnosis	ICD-10-CM
O26.42	Herpes gestationis, second trimester	Diagnosis	ICD-10-CM
O26.43	Herpes gestationis, third trimester	Diagnosis	ICD-10-CM
O26.51	Maternal hypotension syndrome, first trimester	Diagnosis	ICD-10-CM
O26.52	Maternal hypotension syndrome, second trimester	Diagnosis	ICD-10-CM
O26.53	Maternal hypotension syndrome, third trimester	Diagnosis	ICD-10-CM
O26.611	Liver and biliary tract disorders in pregnancy, first trimester	Diagnosis	ICD-10-CM
O26.612	Liver and biliary tract disorders in pregnancy, second trimester	Diagnosis	ICD-10-CM
O26.613	Liver and biliary tract disorders in pregnancy, third trimester	Diagnosis	ICD-10-CM
O26.711	Subluxation of symphysis (pubis) in pregnancy, first trimester	Diagnosis	ICD-10-CM
O26.712	Subluxation of symphysis (pubis) in pregnancy, second trimester	Diagnosis	ICD-10-CM
O26.713	Subluxation of symphysis (pubis) in pregnancy, third trimester	Diagnosis	ICD-10-CM
O26.811	Pregnancy related exhaustion and fatigue, first trimester	Diagnosis	ICD-10-CM
O26.812	Pregnancy related exhaustion and fatigue, second trimester	Diagnosis	ICD-10-CM
O26.813	Pregnancy related exhaustion and fatigue, third trimester	Diagnosis	ICD-10-CM
O26.821	Pregnancy related peripheral neuritis, first trimester	Diagnosis	ICD-10-CM
O26.822	Pregnancy related peripheral neuritis, second trimester	Diagnosis	ICD-10-CM
O26.823	Pregnancy related peripheral neuritis, third trimester	Diagnosis	ICD-10-CM
O26.831	Pregnancy related renal disease, first trimester	Diagnosis	ICD-10-CM

	Pregnancy Delivery Inpatient		
O26.832	Pregnancy related renal disease, second trimester	Diagnosis	ICD-10-CM
O26.833	Pregnancy related renal disease, third trimester	Diagnosis	ICD-10-CM
O26.841	Uterine size-date discrepancy, first trimester	Diagnosis	ICD-10-CM
O26.842	Uterine size-date discrepancy, second trimester	Diagnosis	ICD-10-CM
O26.843	Uterine size-date discrepancy, third trimester	Diagnosis	ICD-10-CM
O26.851	Spotting complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O26.852	Spotting complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O26.853	Spotting complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O26.872	Cervical shortening, second trimester	Diagnosis	ICD-10-CM
O26.873	Cervical shortening, third trimester	Diagnosis	ICD-10-CM
O26.891	Other specified pregnancy related conditions, first trimester	Diagnosis	ICD-10-CM
O26.892	Other specified pregnancy related conditions, second trimester	Diagnosis	ICD-10-CM
O26.893	Other specified pregnancy related conditions, third trimester	Diagnosis	ICD-10-CM
O26.91	Pregnancy related conditions, unspecified, first trimester	Diagnosis	ICD-10-CM
O26.92	Pregnancy related conditions, unspecified, second trimester	Diagnosis	ICD-10-CM
O26.93	Pregnancy related conditions, unspecified, third trimester	Diagnosis	ICD-10-CM
O29.011	Aspiration pneumonitis due to anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29.012	Aspiration pneumonitis due to anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29.013	Aspiration pneumonitis due to anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O29.021	Pressure collapse of lung due to anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29.022	Pressure collapse of lung due to anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29.023	Pressure collapse of lung due to anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O29.091	Other pulmonary complications of anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29.092	Other pulmonary complications of anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29.093	Other pulmonary complications of anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O29.111	Cardiac arrest due to anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29.112	Cardiac arrest due to anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29.113	Cardiac arrest due to anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O29.121	Cardiac failure due to anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29.122	Cardiac failure due to anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29.123	Cardiac failure due to anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O29.191	Other cardiac complications of anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29.192	Other cardiac complications of anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29.193	Other cardiac complications of anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O29.211	Cerebral anoxia due to anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29.212	Cerebral anoxia due to anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29.213	Cerebral anoxia due to anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O29.291	Other central nervous system complications of anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29.292	Other central nervous system complications of anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29.293	Other central nervous system complications of anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM

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

Pregnancy Delivery Inpatient			
O29.3X1	Toxic reaction to local anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29.3X2	Toxic reaction to local anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29.3X3	Toxic reaction to local anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O29.41	Spinal and epidural anesthesia induced headache during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29.42	Spinal and epidural anesthesia induced headache during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29.43	Spinal and epidural anesthesia induced headache during pregnancy, third trimester	Diagnosis	ICD-10-CM
O29.5X1	Other complications of spinal and epidural anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29.5X2	Other complications of spinal and epidural anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29.5X3	Other complications of spinal and epidural anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O29.61	Failed or difficult intubation for anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29.62	Failed or difficult intubation for anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29.63	Failed or difficult intubation for anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O29.8X1	Other complications of anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29.8X2	Other complications of anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29.8X3	Other complications of anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O29.91	Unspecified complication of anesthesia during pregnancy, first trimester	Diagnosis	ICD-10-CM
O29.92	Unspecified complication of anesthesia during pregnancy, second trimester	Diagnosis	ICD-10-CM
O29.93	Unspecified complication of anesthesia during pregnancy, third trimester	Diagnosis	ICD-10-CM
O30.001	Twin pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM
O30.002	Twin pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM
O30.003	Twin pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM
O30.011	Twin pregnancy, monochorionic/monoamniotic, first trimester	Diagnosis	ICD-10-CM
O30.012	Twin pregnancy, monochorionic/monoamniotic, second trimester	Diagnosis	ICD-10-CM
O30.013	Twin pregnancy, monochorionic/monoamniotic, third trimester	Diagnosis	ICD-10-CM
O30.021	Conjoined twin pregnancy, first trimester	Diagnosis	ICD-10-CM
O30.022	Conjoined twin pregnancy, second trimester	Diagnosis	ICD-10-CM
O30.023	Conjoined twin pregnancy, third trimester	Diagnosis	ICD-10-CM
O30.031	Twin pregnancy, monochorionic/diamniotic, first trimester	Diagnosis	ICD-10-CM
O30.032	Twin pregnancy, monochorionic/diamniotic, second trimester	Diagnosis	ICD-10-CM
O30.033	Twin pregnancy, monochorionic/diamniotic, third trimester	Diagnosis	ICD-10-CM
O30.041	Twin pregnancy, dichorionic/diamniotic, first trimester	Diagnosis	ICD-10-CM
O30.042	Twin pregnancy, dichorionic/diamniotic, second trimester	Diagnosis	ICD-10-CM
O30.043	Twin pregnancy, dichorionic/diamniotic, third trimester	Diagnosis	ICD-10-CM
O30.091	Twin pregnancy, unable to determine number of placenta and number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM

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

	Pregnancy Delivery Inpatient		
O30.092	Twin pregnancy, unable to determine number of placenta and number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM
O30.093	Twin pregnancy, unable to determine number of placenta and number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM
O30.101	Triplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM
O30.102	Triplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM
O30.103	Triplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM
O30.111	Triplet pregnancy with two or more monochorionic fetuses, first trimester	Diagnosis	ICD-10-CM
O30.112	Triplet pregnancy with two or more monochorionic fetuses, second trimester	Diagnosis	ICD-10-CM
O30.113	Triplet pregnancy with two or more monochorionic fetuses, third trimester	Diagnosis	ICD-10-CM
O30.121	Triplet pregnancy with two or more monoamniotic fetuses, first trimester	Diagnosis	ICD-10-CM
O30.122	Triplet pregnancy with two or more monoamniotic fetuses, second trimester	Diagnosis	ICD-10-CM
O30.123	Triplet pregnancy with two or more monoamniotic fetuses, third trimester	Diagnosis	ICD-10-CM
O30.131	Triplet pregnancy, trichorionic/triamniotic, first trimester	Diagnosis	ICD-10-CM
O30.132	Triplet pregnancy, trichorionic/triamniotic, second trimester	Diagnosis	ICD-10-CM
O30.133	Triplet pregnancy, trichorionic/triamniotic, third trimester	Diagnosis	ICD-10-CM
O30.191	Triplet pregnancy, unable to determine number of placenta and number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM
O30.192	Triplet pregnancy, unable to determine number of placenta and number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM
O30.193	Triplet pregnancy, unable to determine number of placenta and number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM
O30.201	Quadruplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM
O30.202	Quadruplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM
O30.203	Quadruplet pregnancy, unspecified number of placenta and unspecified number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM
O30.211	Quadruplet pregnancy with two or more monochorionic fetuses, first trimester	Diagnosis	ICD-10-CM
O30.212	Quadruplet pregnancy with two or more monochorionic fetuses, second trimester	Diagnosis	ICD-10-CM
O30.213	Quadruplet pregnancy with two or more monochorionic fetuses, third trimester	Diagnosis	ICD-10-CM
O30.221	Quadruplet pregnancy with two or more monoamniotic fetuses, first trimester	Diagnosis	ICD-10-CM
O30.222	Quadruplet pregnancy with two or more monoamniotic fetuses, second trimester	Diagnosis	ICD-10-CM
O30.223	Quadruplet pregnancy with two or more monoamniotic fetuses, third trimester	Diagnosis	ICD-10-CM
O30.231	Quadruplet pregnancy, quadrachorionic/quadra-amniotic, first trimester	Diagnosis	ICD-10-CM
O30.232	Quadruplet pregnancy, quadrachorionic/quadra-amniotic, second trimester	Diagnosis	ICD-10-CM
O30.233	Quadruplet pregnancy, quadrachorionic/quadra-amniotic, third trimester	Diagnosis	ICD-10-CM
O30.291	Quadruplet pregnancy, unable to determine number of placenta and number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM
O30.292	Quadruplet pregnancy, unable to determine number of placenta and number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM

	Pregnancy Delivery Inpatient		
O30.293	Quadruplet pregnancy, unable to determine number of placenta and number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM
O30.801	Other specified multiple gestation, unspecified number of placenta and unspecified number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM
O30.802	Other specified multiple gestation, unspecified number of placenta and unspecified number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM
O30.803	Other specified multiple gestation, unspecified number of placenta and unspecified number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM
O30.811	Other specified multiple gestation with two or more monochorionic fetuses, first trimester	Diagnosis	ICD-10-CM
O30.812	Other specified multiple gestation with two or more monochorionic fetuses, second trimester	Diagnosis	ICD-10-CM
O30.813	Other specified multiple gestation with two or more monochorionic fetuses, third trimester	Diagnosis	ICD-10-CM
O30.821	Other specified multiple gestation with two or more monoamniotic fetuses, first trimester	Diagnosis	ICD-10-CM
O30.822	Other specified multiple gestation with two or more monoamniotic fetuses, second trimester	Diagnosis	ICD-10-CM
O30.823	Other specified multiple gestation with two or more monoamniotic fetuses, third trimester	Diagnosis	ICD-10-CM
O30.831	Other specified multiple gestation, number of chorions and amnions are both equal to the number of fetuses, first trimester	Diagnosis	ICD-10-CM
O30.832	Other specified multiple gestation, number of chorions and amnions are both equal to the number of fetuses, second trimester	Diagnosis	ICD-10-CM
O30.833	Other specified multiple gestation, number of chorions and amnions are both equal to the number of fetuses, third trimester	Diagnosis	ICD-10-CM
O30.891	Other specified multiple gestation, unable to determine number of placenta and number of amniotic sacs, first trimester	Diagnosis	ICD-10-CM
O30.892	Other specified multiple gestation, unable to determine number of placenta and number of amniotic sacs, second trimester	Diagnosis	ICD-10-CM
O30.893	Other specified multiple gestation, unable to determine number of placenta and number of amniotic sacs, third trimester	Diagnosis	ICD-10-CM
O30.91	Multiple gestation, unspecified, first trimester	Diagnosis	ICD-10-CM
O30.92	Multiple gestation, unspecified, second trimester	Diagnosis	ICD-10-CM
O30.93	Multiple gestation, unspecified, third trimester	Diagnosis	ICD-10-CM
O31.01X0	Papyraceous fetus, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.01X1	Papyraceous fetus, first trimester, fetus 1	Diagnosis	ICD-10-CM
O31.01X2	Papyraceous fetus, first trimester, fetus 2	Diagnosis	ICD-10-CM
O31.01X3	Papyraceous fetus, first trimester, fetus 3	Diagnosis	ICD-10-CM
O31.01X4	Papyraceous fetus, first trimester, fetus 4	Diagnosis	ICD-10-CM
O31.01X5	Papyraceous fetus, first trimester, fetus 5	Diagnosis	ICD-10-CM
O31.01X9	Papyraceous fetus, first trimester, other fetus	Diagnosis	ICD-10-CM
O31.02X0	Papyraceous fetus, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.02X1	Papyraceous fetus, second trimester, fetus 1	Diagnosis	ICD-10-CM

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

	Pregnancy Delivery Inpatient		
O31.02X2	Papyraceous fetus, second trimester, fetus 2	Diagnosis	ICD-10-CM
O31.02X3	Papyraceous fetus, second trimester, fetus 3	Diagnosis	ICD-10-CM
O31.02X4	Papyraceous fetus, second trimester, fetus 4	Diagnosis	ICD-10-CM
O31.02X5	Papyraceous fetus, second trimester, fetus 5	Diagnosis	ICD-10-CM
O31.02X9	Papyraceous fetus, second trimester, other fetus	Diagnosis	ICD-10-CM
O31.03X0	Papyraceous fetus, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.03X1	Papyraceous fetus, third trimester, fetus 1	Diagnosis	ICD-10-CM
O31.03X2	Papyraceous fetus, third trimester, fetus 2	Diagnosis	ICD-10-CM
O31.03X3	Papyraceous fetus, third trimester, fetus 3	Diagnosis	ICD-10-CM
O31.03X4	Papyraceous fetus, third trimester, fetus 4	Diagnosis	ICD-10-CM
O31.03X5	Papyraceous fetus, third trimester, fetus 5	Diagnosis	ICD-10-CM
O31.03X9	Papyraceous fetus, third trimester, other fetus	Diagnosis	ICD-10-CM
O31.11X0	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.11X1	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 1	Diagnosis	ICD-10-CM
O31.11X2	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 2	Diagnosis	ICD-10-CM
O31.11X3	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 3	Diagnosis	ICD-10-CM
O31.11X4	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 4	Diagnosis	ICD-10-CM
O31.11X5	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, fetus 5	Diagnosis	ICD-10-CM
O31.11X9	Continuing pregnancy after spontaneous abortion of one fetus or more, first trimester, other fetus	Diagnosis	ICD-10-CM
O31.12X0	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.12X1	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 1	Diagnosis	ICD-10-CM
O31.12X2	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 2	Diagnosis	ICD-10-CM
O31.12X3	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 3	Diagnosis	ICD-10-CM
O31.12X4	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 4	Diagnosis	ICD-10-CM
O31.12X5	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, fetus 5	Diagnosis	ICD-10-CM
O31.12X9	Continuing pregnancy after spontaneous abortion of one fetus or more, second trimester, other fetus	Diagnosis	ICD-10-CM
O31.13X0	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.13X1	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 1	Diagnosis	ICD-10-CM

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

	Pregnancy Delivery Inpatient		
O31.13X2	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 2	Diagnosis	ICD-10-CM
O31.13X3	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 3	Diagnosis	ICD-10-CM
O31.13X4	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 4	Diagnosis	ICD-10-CM
O31.13X5	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, fetus 5	Diagnosis	ICD-10-CM
O31.13X9	Continuing pregnancy after spontaneous abortion of one fetus or more, third trimester, other fetus	Diagnosis	ICD-10-CM
O31.21X0	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.21X1	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus 1	Diagnosis	ICD-10-CM
O31.21X2	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus 2	Diagnosis	ICD-10-CM
O31.21X3	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus 3	Diagnosis	ICD-10-CM
O31.21X4	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus 4	Diagnosis	ICD-10-CM
O31.21X5	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, fetus 5	Diagnosis	ICD-10-CM
O31.21X9	Continuing pregnancy after intrauterine death of one fetus or more, first trimester, other fetus	Diagnosis	ICD-10-CM
O31.22X0	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.22X1	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 1	Diagnosis	ICD-10-CM
O31.22X2	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 2	Diagnosis	ICD-10-CM
O31.22X3	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 3	Diagnosis	ICD-10-CM
O31.22X4	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 4	Diagnosis	ICD-10-CM
O31.22X5	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 5	Diagnosis	ICD-10-CM
O31.22X9	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, other fetus	Diagnosis	ICD-10-CM
O31.23X0	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.23X1	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 1	Diagnosis	ICD-10-CM
O31.23X2	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 2	Diagnosis	ICD-10-CM

	Pregnancy Delivery Inpatient		
O31.23X3	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 3	Diagnosis	ICD-10-CM
O31.23X4	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 4	Diagnosis	ICD-10-CM
O31.23X5	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 5	Diagnosis	ICD-10-CM
O31.23X9	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, other fetus	Diagnosis	ICD-10-CM
O31.31X0	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.31X1	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 1	Diagnosis	ICD-10-CM
O31.31X2	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 2	Diagnosis	ICD-10-CM
O31.31X3	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 3	Diagnosis	ICD-10-CM
O31.31X4	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 4	Diagnosis	ICD-10-CM
O31.31X5	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, fetus 5	Diagnosis	ICD-10-CM
O31.31X9	Continuing pregnancy after elective fetal reduction of one fetus or more, first trimester, other fetus	Diagnosis	ICD-10-CM
O31.32X0	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.32X1	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 1	Diagnosis	ICD-10-CM
O31.32X2	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 2	Diagnosis	ICD-10-CM
O31.32X3	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 3	Diagnosis	ICD-10-CM
O31.32X4	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 4	Diagnosis	ICD-10-CM
O31.32X5	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, fetus 5	Diagnosis	ICD-10-CM
O31.32X9	Continuing pregnancy after elective fetal reduction of one fetus or more, second trimester, other fetus	Diagnosis	ICD-10-CM
O31.33X0	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.33X1	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 1	Diagnosis	ICD-10-CM
O31.33X2	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 2	Diagnosis	ICD-10-CM
O31.33X3	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 3	Diagnosis	ICD-10-CM

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

	Pregnancy Delivery Inpatient		
O31.33X4	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 4	Diagnosis	ICD-10-CM
O31.33X5	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, fetus 5	Diagnosis	ICD-10-CM
O31.33X9	Continuing pregnancy after elective fetal reduction of one fetus or more, third trimester, other fetus	Diagnosis	ICD-10-CM
O31.8X10	Other complications specific to multiple gestation, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.8X11	Other complications specific to multiple gestation, first trimester, fetus 1	Diagnosis	ICD-10-CM
O31.8X12	Other complications specific to multiple gestation, first trimester, fetus 2	Diagnosis	ICD-10-CM
O31.8X13	Other complications specific to multiple gestation, first trimester, fetus 3	Diagnosis	ICD-10-CM
O31.8X14	Other complications specific to multiple gestation, first trimester, fetus 4	Diagnosis	ICD-10-CM
O31.8X15	Other complications specific to multiple gestation, first trimester, fetus 5	Diagnosis	ICD-10-CM
O31.8X19	Other complications specific to multiple gestation, first trimester, other fetus	Diagnosis	ICD-10-CM
O31.8X20	Other complications specific to multiple gestation, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.8X21	Other complications specific to multiple gestation, second trimester, fetus 1	Diagnosis	ICD-10-CM
O31.8X22	Other complications specific to multiple gestation, second trimester, fetus 2	Diagnosis	ICD-10-CM
O31.8X23	Other complications specific to multiple gestation, second trimester, fetus 3	Diagnosis	ICD-10-CM
O31.8X24	Other complications specific to multiple gestation, second trimester, fetus 4	Diagnosis	ICD-10-CM
O31.8X25	Other complications specific to multiple gestation, second trimester, fetus 5	Diagnosis	ICD-10-CM
O31.8X29	Other complications specific to multiple gestation, second trimester, other fetus	Diagnosis	ICD-10-CM
O31.8X30	Other complications specific to multiple gestation, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.8X31	Other complications specific to multiple gestation, third trimester, fetus 1	Diagnosis	ICD-10-CM
O31.8X32	Other complications specific to multiple gestation, third trimester, fetus 2	Diagnosis	ICD-10-CM
O31.8X33	Other complications specific to multiple gestation, third trimester, fetus 3	Diagnosis	ICD-10-CM
O31.8X34	Other complications specific to multiple gestation, third trimester, fetus 4	Diagnosis	ICD-10-CM
O31.8X35	Other complications specific to multiple gestation, third trimester, fetus 5	Diagnosis	ICD-10-CM
O31.8X39	Other complications specific to multiple gestation, third trimester, other fetus	Diagnosis	ICD-10-CM
O34.01	Maternal care for unspecified congenital malformation of uterus, first trimester	Diagnosis	ICD-10-CM
O34.02	Maternal care for unspecified congenital malformation of uterus, second trimester	Diagnosis	ICD-10-CM
O34.03	Maternal care for unspecified congenital malformation of uterus, third trimester	Diagnosis	ICD-10-CM
O34.11	Maternal care for benign tumor of corpus uteri, first trimester	Diagnosis	ICD-10-CM
O34.12	Maternal care for benign tumor of corpus uteri, second trimester	Diagnosis	ICD-10-CM
O34.13	Maternal care for benign tumor of corpus uteri, third trimester	Diagnosis	ICD-10-CM
O34.31	Maternal care for cervical incompetence, first trimester	Diagnosis	ICD-10-CM
O34.32	Maternal care for cervical incompetence, second trimester	Diagnosis	ICD-10-CM
O34.33	Maternal care for cervical incompetence, third trimester	Diagnosis	ICD-10-CM
O34.41	Maternal care for other abnormalities of cervix, first trimester	Diagnosis	ICD-10-CM
O34.42	Maternal care for other abnormalities of cervix, second trimester	Diagnosis	ICD-10-CM
O34.43	Maternal care for other abnormalities of cervix, third trimester	Diagnosis	ICD-10-CM
O34.511	Maternal care for incarceration of gravid uterus, first trimester	Diagnosis	ICD-10-CM

Pregnancy Delivery Inpatient			
O34.512	Maternal care for incarceration of gravid uterus, second trimester	Diagnosis	ICD-10-CM
O34.513	Maternal care for incarceration of gravid uterus, third trimester	Diagnosis	ICD-10-CM
O34.521	Maternal care for prolapse of gravid uterus, first trimester	Diagnosis	ICD-10-CM
O34.522	Maternal care for prolapse of gravid uterus, second trimester	Diagnosis	ICD-10-CM
O34.523	Maternal care for prolapse of gravid uterus, third trimester	Diagnosis	ICD-10-CM
O34.531	Maternal care for retroversion of gravid uterus, first trimester	Diagnosis	ICD-10-CM
O34.532	Maternal care for retroversion of gravid uterus, second trimester	Diagnosis	ICD-10-CM
O34.533	Maternal care for retroversion of gravid uterus, third trimester	Diagnosis	ICD-10-CM
O34.591	Maternal care for other abnormalities of gravid uterus, first trimester	Diagnosis	ICD-10-CM
O34.592	Maternal care for other abnormalities of gravid uterus, second trimester	Diagnosis	ICD-10-CM
O34.593	Maternal care for other abnormalities of gravid uterus, third trimester	Diagnosis	ICD-10-CM
O34.61	Maternal care for abnormality of vagina, first trimester	Diagnosis	ICD-10-CM
O34.62	Maternal care for abnormality of vagina, second trimester	Diagnosis	ICD-10-CM
O34.63	Maternal care for abnormality of vagina, third trimester	Diagnosis	ICD-10-CM
O34.71	Maternal care for abnormality of vulva and perineum, first trimester	Diagnosis	ICD-10-CM
O34.72	Maternal care for abnormality of vulva and perineum, second trimester	Diagnosis	ICD-10-CM
O34.73	Maternal care for abnormality of vulva and perineum, third trimester	Diagnosis	ICD-10-CM
O34.81	Maternal care for other abnormalities of pelvic organs, first trimester	Diagnosis	ICD-10-CM
O34.82	Maternal care for other abnormalities of pelvic organs, second trimester	Diagnosis	ICD-10-CM
O34.83	Maternal care for other abnormalities of pelvic organs, third trimester	Diagnosis	ICD-10-CM
O34.91	Maternal care for abnormality of pelvic organ, unspecified, first trimester	Diagnosis	ICD-10-CM
O34.92	Maternal care for abnormality of pelvic organ, unspecified, second trimester	Diagnosis	ICD-10-CM
O34.93	Maternal care for abnormality of pelvic organ, unspecified, third trimester	Diagnosis	ICD-10-CM
O36.0110	Maternal care for anti-D [Rh] antibodies, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.0111	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 1	Diagnosis	ICD-10-CM
O36.0112	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 2	Diagnosis	ICD-10-CM
O36.0113	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 3	Diagnosis	ICD-10-CM
O36.0114	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 4	Diagnosis	ICD-10-CM
O36.0115	Maternal care for anti-D [Rh] antibodies, first trimester, fetus 5	Diagnosis	ICD-10-CM
O36.0119	Maternal care for anti-D [Rh] antibodies, first trimester, other fetus	Diagnosis	ICD-10-CM
O36.0120	Maternal care for anti-D [Rh] antibodies, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.0121	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 1	Diagnosis	ICD-10-CM
O36.0122	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 2	Diagnosis	ICD-10-CM
O36.0123	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 3	Diagnosis	ICD-10-CM
O36.0124	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 4	Diagnosis	ICD-10-CM
O36.0125	Maternal care for anti-D [Rh] antibodies, second trimester, fetus 5	Diagnosis	ICD-10-CM
O36.0129	Maternal care for anti-D [Rh] antibodies, second trimester, other fetus	Diagnosis	ICD-10-CM
O36.0130	Maternal care for anti-D [Rh] antibodies, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.0131	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 1	Diagnosis	ICD-10-CM
O36.0132	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 2	Diagnosis	ICD-10-CM
O36.0133	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 3	Diagnosis	ICD-10-CM

Pregnancy Delivery Inpatient			
O36.0134	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 4	Diagnosis	ICD-10-CM
O36.0135	Maternal care for anti-D [Rh] antibodies, third trimester, fetus 5	Diagnosis	ICD-10-CM
O36.0139	Maternal care for anti-D [Rh] antibodies, third trimester, other fetus	Diagnosis	ICD-10-CM
O36.0910	Maternal care for other rhesus isoimmunization, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.0911	Maternal care for other rhesus isoimmunization, first trimester, fetus 1	Diagnosis	ICD-10-CM
O36.0912	Maternal care for other rhesus isoimmunization, first trimester, fetus 2	Diagnosis	ICD-10-CM
O36.0913	Maternal care for other rhesus isoimmunization, first trimester, fetus 3	Diagnosis	ICD-10-CM
O36.0914	Maternal care for other rhesus isoimmunization, first trimester, fetus 4	Diagnosis	ICD-10-CM
O36.0915	Maternal care for other rhesus isoimmunization, first trimester, fetus 5	Diagnosis	ICD-10-CM
O36.0919	Maternal care for other rhesus isoimmunization, first trimester, other fetus	Diagnosis	ICD-10-CM
O36.0920	Maternal care for other rhesus isoimmunization, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.0921	Maternal care for other rhesus isoimmunization, second trimester, fetus 1	Diagnosis	ICD-10-CM
O36.0922	Maternal care for other rhesus isoimmunization, second trimester, fetus 2	Diagnosis	ICD-10-CM
O36.0923	Maternal care for other rhesus isoimmunization, second trimester, fetus 3	Diagnosis	ICD-10-CM
O36.0924	Maternal care for other rhesus isoimmunization, second trimester, fetus 4	Diagnosis	ICD-10-CM
O36.0925	Maternal care for other rhesus isoimmunization, second trimester, fetus 5	Diagnosis	ICD-10-CM
O36.0929	Maternal care for other rhesus isoimmunization, second trimester, other fetus	Diagnosis	ICD-10-CM
O36.0930	Maternal care for other rhesus isoimmunization, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.0931	Maternal care for other rhesus isoimmunization, third trimester, fetus 1	Diagnosis	ICD-10-CM
O36.0932	Maternal care for other rhesus isoimmunization, third trimester, fetus 2	Diagnosis	ICD-10-CM
O36.0933	Maternal care for other rhesus isoimmunization, third trimester, fetus 3	Diagnosis	ICD-10-CM
O36.0934	Maternal care for other rhesus isoimmunization, third trimester, fetus 4	Diagnosis	ICD-10-CM
O36.0935	Maternal care for other rhesus isoimmunization, third trimester, fetus 5	Diagnosis	ICD-10-CM
O36.0939	Maternal care for other rhesus isoimmunization, third trimester, other fetus	Diagnosis	ICD-10-CM
O36.1110	Maternal care for Anti-A sensitization, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.1111	Maternal care for Anti-A sensitization, first trimester, fetus 1	Diagnosis	ICD-10-CM
O36.1112	Maternal care for Anti-A sensitization, first trimester, fetus 2	Diagnosis	ICD-10-CM
O36.1113	Maternal care for Anti-A sensitization, first trimester, fetus 3	Diagnosis	ICD-10-CM
O36.1114	Maternal care for Anti-A sensitization, first trimester, fetus 4	Diagnosis	ICD-10-CM
O36.1115	Maternal care for Anti-A sensitization, first trimester, fetus 5	Diagnosis	ICD-10-CM
O36.1119	Maternal care for Anti-A sensitization, first trimester, other fetus	Diagnosis	ICD-10-CM
O36.1120	Maternal care for Anti-A sensitization, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.1121	Maternal care for Anti-A sensitization, second trimester, fetus 1	Diagnosis	ICD-10-CM
O36.1122	Maternal care for Anti-A sensitization, second trimester, fetus 2	Diagnosis	ICD-10-CM
O36.1123	Maternal care for Anti-A sensitization, second trimester, fetus 3	Diagnosis	ICD-10-CM
O36.1124	Maternal care for Anti-A sensitization, second trimester, fetus 4	Diagnosis	ICD-10-CM
O36.1125	Maternal care for Anti-A sensitization, second trimester, fetus 5	Diagnosis	ICD-10-CM
O36.1129	Maternal care for Anti-A sensitization, second trimester, other fetus	Diagnosis	ICD-10-CM

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

	Pregnancy Delivery Inpatient		
O36.1130	Maternal care for Anti-A sensitization, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.1131	Maternal care for Anti-A sensitization, third trimester, fetus 1	Diagnosis	ICD-10-CM
O36.1132	Maternal care for Anti-A sensitization, third trimester, fetus 2	Diagnosis	ICD-10-CM
O36.1133	Maternal care for Anti-A sensitization, third trimester, fetus 3	Diagnosis	ICD-10-CM
O36.1134	Maternal care for Anti-A sensitization, third trimester, fetus 4	Diagnosis	ICD-10-CM
O36.1135	Maternal care for Anti-A sensitization, third trimester, fetus 5	Diagnosis	ICD-10-CM
O36.1139	Maternal care for Anti-A sensitization, third trimester, other fetus	Diagnosis	ICD-10-CM
O36.1910	Maternal care for other isoimmunization, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.1911	Maternal care for other isoimmunization, first trimester, fetus 1	Diagnosis	ICD-10-CM
O36.1912	Maternal care for other isoimmunization, first trimester, fetus 2	Diagnosis	ICD-10-CM
O36.1913	Maternal care for other isoimmunization, first trimester, fetus 3	Diagnosis	ICD-10-CM
O36.1914	Maternal care for other isoimmunization, first trimester, fetus 4	Diagnosis	ICD-10-CM
O36.1915	Maternal care for other isoimmunization, first trimester, fetus 5	Diagnosis	ICD-10-CM
O36.1919	Maternal care for other isoimmunization, first trimester, other fetus	Diagnosis	ICD-10-CM
O36.1920	Maternal care for other isoimmunization, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.1921	Maternal care for other isoimmunization, second trimester, fetus 1	Diagnosis	ICD-10-CM
O36.1922	Maternal care for other isoimmunization, second trimester, fetus 2	Diagnosis	ICD-10-CM
O36.1923	Maternal care for other isoimmunization, second trimester, fetus 3	Diagnosis	ICD-10-CM
O36.1924	Maternal care for other isoimmunization, second trimester, fetus 4	Diagnosis	ICD-10-CM
O36.1925	Maternal care for other isoimmunization, second trimester, fetus 5	Diagnosis	ICD-10-CM
O36.1929	Maternal care for other isoimmunization, second trimester, other fetus	Diagnosis	ICD-10-CM
O36.1930	Maternal care for other isoimmunization, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.1931	Maternal care for other isoimmunization, third trimester, fetus 1	Diagnosis	ICD-10-CM
O36.1932	Maternal care for other isoimmunization, third trimester, fetus 2	Diagnosis	ICD-10-CM
O36.1933	Maternal care for other isoimmunization, third trimester, fetus 3	Diagnosis	ICD-10-CM
O36.1934	Maternal care for other isoimmunization, third trimester, fetus 4	Diagnosis	ICD-10-CM
O36.1935	Maternal care for other isoimmunization, third trimester, fetus 5	Diagnosis	ICD-10-CM
O36.1939	Maternal care for other isoimmunization, third trimester, other fetus	Diagnosis	ICD-10-CM
O36.21X0	Maternal care for hydrops fetalis, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.21X1	Maternal care for hydrops fetalis, first trimester, fetus 1	Diagnosis	ICD-10-CM
O36.21X2	Maternal care for hydrops fetalis, first trimester, fetus 2	Diagnosis	ICD-10-CM
O36.21X3	Maternal care for hydrops fetalis, first trimester, fetus 3	Diagnosis	ICD-10-CM
O36.21X4	Maternal care for hydrops fetalis, first trimester, fetus 4	Diagnosis	ICD-10-CM
O36.21X5	Maternal care for hydrops fetalis, first trimester, fetus 5	Diagnosis	ICD-10-CM
O36.21X9	Maternal care for hydrops fetalis, first trimester, other fetus	Diagnosis	ICD-10-CM
O36.22X0	Maternal care for hydrops fetalis, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.22X1	Maternal care for hydrops fetalis, second trimester, fetus 1	Diagnosis	ICD-10-CM
O36.22X2	Maternal care for hydrops fetalis, second trimester, fetus 2	Diagnosis	ICD-10-CM
O36.22X3	Maternal care for hydrops fetalis, second trimester, fetus 3	Diagnosis	ICD-10-CM

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

	Pregnancy Delivery Inpatient		
O36.22X4	Maternal care for hydrops fetalis, second trimester, fetus 4	Diagnosis	ICD-10-CM
O36.22X5	Maternal care for hydrops fetalis, second trimester, fetus 5	Diagnosis	ICD-10-CM
O36.22X9	Maternal care for hydrops fetalis, second trimester, other fetus	Diagnosis	ICD-10-CM
O36.23X0	Maternal care for hydrops fetalis, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.23X1	Maternal care for hydrops fetalis, third trimester, fetus 1	Diagnosis	ICD-10-CM
O36.23X2	Maternal care for hydrops fetalis, third trimester, fetus 2	Diagnosis	ICD-10-CM
O36.23X3	Maternal care for hydrops fetalis, third trimester, fetus 3	Diagnosis	ICD-10-CM
O36.23X4	Maternal care for hydrops fetalis, third trimester, fetus 4	Diagnosis	ICD-10-CM
O36.23X5	Maternal care for hydrops fetalis, third trimester, fetus 5	Diagnosis	ICD-10-CM
O36.23X9	Maternal care for hydrops fetalis, third trimester, other fetus	Diagnosis	ICD-10-CM
O36.5110	Maternal care for known or suspected placental insufficiency, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.5111	Maternal care for known or suspected placental insufficiency, first trimester, fetus 1	Diagnosis	ICD-10-CM
O36.5112	Maternal care for known or suspected placental insufficiency, first trimester, fetus 2	Diagnosis	ICD-10-CM
O36.5113	Maternal care for known or suspected placental insufficiency, first trimester, fetus 3	Diagnosis	ICD-10-CM
O36.5114	Maternal care for known or suspected placental insufficiency, first trimester, fetus 4	Diagnosis	ICD-10-CM
O36.5115	Maternal care for known or suspected placental insufficiency, first trimester, fetus 5	Diagnosis	ICD-10-CM
O36.5119	Maternal care for known or suspected placental insufficiency, first trimester, other fetus	Diagnosis	ICD-10-CM
O36.5120	Maternal care for known or suspected placental insufficiency, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.5121	Maternal care for known or suspected placental insufficiency, second trimester, fetus 1	Diagnosis	ICD-10-CM
O36.5122	Maternal care for known or suspected placental insufficiency, second trimester, fetus 2	Diagnosis	ICD-10-CM
O36.5123	Maternal care for known or suspected placental insufficiency, second trimester, fetus 3	Diagnosis	ICD-10-CM
O36.5124	Maternal care for known or suspected placental insufficiency, second trimester, fetus 4	Diagnosis	ICD-10-CM
O36.5125	Maternal care for known or suspected placental insufficiency, second trimester, fetus 5	Diagnosis	ICD-10-CM
O36.5129	Maternal care for known or suspected placental insufficiency, second trimester, other fetus	Diagnosis	ICD-10-CM
O36.5130	Maternal care for known or suspected placental insufficiency, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.5131	Maternal care for known or suspected placental insufficiency, third trimester, fetus 1	Diagnosis	ICD-10-CM
O36.5132	Maternal care for known or suspected placental insufficiency, third trimester, fetus 2	Diagnosis	ICD-10-CM

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

	Pregnancy Delivery Inpatient		
O36.5133	Maternal care for known or suspected placental insufficiency, third trimester, fetus 3	Diagnosis	ICD-10-CM
O36.5134	Maternal care for known or suspected placental insufficiency, third trimester, fetus 4	Diagnosis	ICD-10-CM
O36.5135	Maternal care for known or suspected placental insufficiency, third trimester, fetus 5	Diagnosis	ICD-10-CM
O36.5139	Maternal care for known or suspected placental insufficiency, third trimester, other fetus	Diagnosis	ICD-10-CM
O36.5910	Maternal care for other known or suspected poor fetal growth, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.5911	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 1	Diagnosis	ICD-10-CM
O36.5912	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 2	Diagnosis	ICD-10-CM
O36.5913	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 3	Diagnosis	ICD-10-CM
O36.5914	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 4	Diagnosis	ICD-10-CM
O36.5915	Maternal care for other known or suspected poor fetal growth, first trimester, fetus 5	Diagnosis	ICD-10-CM
O36.5919	Maternal care for other known or suspected poor fetal growth, first trimester, other fetus	Diagnosis	ICD-10-CM
O36.5920	Maternal care for other known or suspected poor fetal growth, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.5921	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 1	Diagnosis	ICD-10-CM
O36.5922	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 2	Diagnosis	ICD-10-CM
O36.5923	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 3	Diagnosis	ICD-10-CM
O36.5924	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 4	Diagnosis	ICD-10-CM
O36.5925	Maternal care for other known or suspected poor fetal growth, second trimester, fetus 5	Diagnosis	ICD-10-CM
O36.5929	Maternal care for other known or suspected poor fetal growth, second trimester, other fetus	Diagnosis	ICD-10-CM
O36.5930	Maternal care for other known or suspected poor fetal growth, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.5931	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 1	Diagnosis	ICD-10-CM
O36.5932	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 2	Diagnosis	ICD-10-CM
O36.5933	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 3	Diagnosis	ICD-10-CM

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

	Pregnancy Delivery Inpatient		
O36.5934	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 4	Diagnosis	ICD-10-CM
O36.5935	Maternal care for other known or suspected poor fetal growth, third trimester, fetus 5	Diagnosis	ICD-10-CM
O36.5939	Maternal care for other known or suspected poor fetal growth, third trimester, other fetus	Diagnosis	ICD-10-CM
O36.61X0	Maternal care for excessive fetal growth, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.61X1	Maternal care for excessive fetal growth, first trimester, fetus 1	Diagnosis	ICD-10-CM
O36.61X2	Maternal care for excessive fetal growth, first trimester, fetus 2	Diagnosis	ICD-10-CM
O36.61X3	Maternal care for excessive fetal growth, first trimester, fetus 3	Diagnosis	ICD-10-CM
O36.61X4	Maternal care for excessive fetal growth, first trimester, fetus 4	Diagnosis	ICD-10-CM
O36.61X5	Maternal care for excessive fetal growth, first trimester, fetus 5	Diagnosis	ICD-10-CM
O36.61X9	Maternal care for excessive fetal growth, first trimester, other fetus	Diagnosis	ICD-10-CM
O36.62X0	Maternal care for excessive fetal growth, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.62X1	Maternal care for excessive fetal growth, second trimester, fetus 1	Diagnosis	ICD-10-CM
O36.62X2	Maternal care for excessive fetal growth, second trimester, fetus 2	Diagnosis	ICD-10-CM
O36.62X3	Maternal care for excessive fetal growth, second trimester, fetus 3	Diagnosis	ICD-10-CM
O36.62X4	Maternal care for excessive fetal growth, second trimester, fetus 4	Diagnosis	ICD-10-CM
O36.62X5	Maternal care for excessive fetal growth, second trimester, fetus 5	Diagnosis	ICD-10-CM
O36.62X9	Maternal care for excessive fetal growth, second trimester, other fetus	Diagnosis	ICD-10-CM
O36.63X0	Maternal care for excessive fetal growth, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.63X1	Maternal care for excessive fetal growth, third trimester, fetus 1	Diagnosis	ICD-10-CM
O36.63X2	Maternal care for excessive fetal growth, third trimester, fetus 2	Diagnosis	ICD-10-CM
O36.63X3	Maternal care for excessive fetal growth, third trimester, fetus 3	Diagnosis	ICD-10-CM
O36.63X4	Maternal care for excessive fetal growth, third trimester, fetus 4	Diagnosis	ICD-10-CM
O36.63X5	Maternal care for excessive fetal growth, third trimester, fetus 5	Diagnosis	ICD-10-CM
O36.63X9	Maternal care for excessive fetal growth, third trimester, other fetus	Diagnosis	ICD-10-CM
O36.71X0	Maternal care for viable fetus in abdominal pregnancy, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.71X1	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 1	Diagnosis	ICD-10-CM
O36.71X2	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 2	Diagnosis	ICD-10-CM
O36.71X3	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 3	Diagnosis	ICD-10-CM
O36.71X4	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 4	Diagnosis	ICD-10-CM
O36.71X5	Maternal care for viable fetus in abdominal pregnancy, first trimester, fetus 5	Diagnosis	ICD-10-CM
O36.71X9	Maternal care for viable fetus in abdominal pregnancy, first trimester, other fetus	Diagnosis	ICD-10-CM
O36.72X0	Maternal care for viable fetus in abdominal pregnancy, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.72X1	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 1	Diagnosis	ICD-10-CM
O36.72X2	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 2	Diagnosis	ICD-10-CM
O36.72X3	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 3	Diagnosis	ICD-10-CM
O36.72X4	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 4	Diagnosis	ICD-10-CM

Pregnancy Delivery Inpatient			
O36.72X5	Maternal care for viable fetus in abdominal pregnancy, second trimester, fetus 5	Diagnosis	ICD-10-CM
O36.72X9	Maternal care for viable fetus in abdominal pregnancy, second trimester, other fetus	Diagnosis	ICD-10-CM
O36.73X0	Maternal care for viable fetus in abdominal pregnancy, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.73X1	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 1	Diagnosis	ICD-10-CM
O36.73X2	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 2	Diagnosis	ICD-10-CM
O36.73X3	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 3	Diagnosis	ICD-10-CM
O36.73X4	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 4	Diagnosis	ICD-10-CM
O36.73X5	Maternal care for viable fetus in abdominal pregnancy, third trimester, fetus 5	Diagnosis	ICD-10-CM
O36.73X9	Maternal care for viable fetus in abdominal pregnancy, third trimester, other fetus	Diagnosis	ICD-10-CM
O36.8120	Decreased fetal movements, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.8121	Decreased fetal movements, second trimester, fetus 1	Diagnosis	ICD-10-CM
O36.8122	Decreased fetal movements, second trimester, fetus 2	Diagnosis	ICD-10-CM
O36.8123	Decreased fetal movements, second trimester, fetus 3	Diagnosis	ICD-10-CM
O36.8124	Decreased fetal movements, second trimester, fetus 4	Diagnosis	ICD-10-CM
O36.8125	Decreased fetal movements, second trimester, fetus 5	Diagnosis	ICD-10-CM
O36.8129	Decreased fetal movements, second trimester, other fetus	Diagnosis	ICD-10-CM
O36.8130	Decreased fetal movements, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.8131	Decreased fetal movements, third trimester, fetus 1	Diagnosis	ICD-10-CM
O36.8132	Decreased fetal movements, third trimester, fetus 2	Diagnosis	ICD-10-CM
O36.8133	Decreased fetal movements, third trimester, fetus 3	Diagnosis	ICD-10-CM
O36.8134	Decreased fetal movements, third trimester, fetus 4	Diagnosis	ICD-10-CM
O36.8135	Decreased fetal movements, third trimester, fetus 5	Diagnosis	ICD-10-CM
O36.8139	Decreased fetal movements, third trimester, other fetus	Diagnosis	ICD-10-CM
O36.8210	Fetal anemia and thrombocytopenia, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.8211	Fetal anemia and thrombocytopenia, first trimester, fetus 1	Diagnosis	ICD-10-CM
O36.8212	Fetal anemia and thrombocytopenia, first trimester, fetus 2	Diagnosis	ICD-10-CM
O36.8213	Fetal anemia and thrombocytopenia, first trimester, fetus 3	Diagnosis	ICD-10-CM
O36.8214	Fetal anemia and thrombocytopenia, first trimester, fetus 4	Diagnosis	ICD-10-CM
O36.8215	Fetal anemia and thrombocytopenia, first trimester, fetus 5	Diagnosis	ICD-10-CM
O36.8219	Fetal anemia and thrombocytopenia, first trimester, other fetus	Diagnosis	ICD-10-CM
O36.8220	Fetal anemia and thrombocytopenia, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.8221	Fetal anemia and thrombocytopenia, second trimester, fetus 1	Diagnosis	ICD-10-CM
O36.8222	Fetal anemia and thrombocytopenia, second trimester, fetus 2	Diagnosis	ICD-10-CM
O36.8223	Fetal anemia and thrombocytopenia, second trimester, fetus 3	Diagnosis	ICD-10-CM
O36.8224	Fetal anemia and thrombocytopenia, second trimester, fetus 4	Diagnosis	ICD-10-CM
O36.8225	Fetal anemia and thrombocytopenia, second trimester, fetus 5	Diagnosis	ICD-10-CM
O36.8229	Fetal anemia and thrombocytopenia, second trimester, other fetus	Diagnosis	ICD-10-CM
O36.8230	Fetal anemia and thrombocytopenia, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM

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

	Pregnancy Delivery Inpatient		
O36.8231	Fetal anemia and thrombocytopenia, third trimester, fetus 1	Diagnosis	ICD-10-CM
O36.8232	Fetal anemia and thrombocytopenia, third trimester, fetus 2	Diagnosis	ICD-10-CM
O36.8233	Fetal anemia and thrombocytopenia, third trimester, fetus 3	Diagnosis	ICD-10-CM
O36.8234	Fetal anemia and thrombocytopenia, third trimester, fetus 4	Diagnosis	ICD-10-CM
O36.8235	Fetal anemia and thrombocytopenia, third trimester, fetus 5	Diagnosis	ICD-10-CM
O36.8239	Fetal anemia and thrombocytopenia, third trimester, other fetus	Diagnosis	ICD-10-CM
O36.8310	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.8311	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 1	Diagnosis	ICD-10-CM
O36.8312	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 2	Diagnosis	ICD-10-CM
O36.8313	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 3	Diagnosis	ICD-10-CM
O36.8314	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 4	Diagnosis	ICD-10-CM
O36.8315	Maternal care for abnormalities of the fetal heart rate or rhythm, first trimester, fetus 5	Diagnosis	ICD-10-CM
O36.8320	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.8321	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 1	Diagnosis	ICD-10-CM
O36.8322	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 2	Diagnosis	ICD-10-CM
O36.8323	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 3	Diagnosis	ICD-10-CM
O36.8324	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 4	Diagnosis	ICD-10-CM
O36.8325	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, fetus 5	Diagnosis	ICD-10-CM
O36.8329	Maternal care for abnormalities of the fetal heart rate or rhythm, second trimester, other fetus	Diagnosis	ICD-10-CM
O36.8330	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.8331	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 1	Diagnosis	ICD-10-CM
O36.8332	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 2	Diagnosis	ICD-10-CM
O36.8333	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 3	Diagnosis	ICD-10-CM
O36.8334	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 4	Diagnosis	ICD-10-CM
O36.8335	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, fetus 5	Diagnosis	ICD-10-CM

	Pregnancy Delivery Inpatient		
O36.8339	Maternal care for abnormalities of the fetal heart rate or rhythm, third trimester, other fetus	Diagnosis	ICD-10-CM
O36.8910	Maternal care for other specified fetal problems, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.8911	Maternal care for other specified fetal problems, first trimester, fetus 1	Diagnosis	ICD-10-CM
O36.8912	Maternal care for other specified fetal problems, first trimester, fetus 2	Diagnosis	ICD-10-CM
O36.8913	Maternal care for other specified fetal problems, first trimester, fetus 3	Diagnosis	ICD-10-CM
O36.8914	Maternal care for other specified fetal problems, first trimester, fetus 4	Diagnosis	ICD-10-CM
O36.8915	Maternal care for other specified fetal problems, first trimester, fetus 5	Diagnosis	ICD-10-CM
O36.8919	Maternal care for other specified fetal problems, first trimester, other fetus	Diagnosis	ICD-10-CM
O36.8920	Maternal care for other specified fetal problems, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.8921	Maternal care for other specified fetal problems, second trimester, fetus 1	Diagnosis	ICD-10-CM
O36.8922	Maternal care for other specified fetal problems, second trimester, fetus 2	Diagnosis	ICD-10-CM
O36.8923	Maternal care for other specified fetal problems, second trimester, fetus 3	Diagnosis	ICD-10-CM
O36.8924	Maternal care for other specified fetal problems, second trimester, fetus 4	Diagnosis	ICD-10-CM
O36.8925	Maternal care for other specified fetal problems, second trimester, fetus 5	Diagnosis	ICD-10-CM
O36.8929	Maternal care for other specified fetal problems, second trimester, other fetus	Diagnosis	ICD-10-CM
O36.8930	Maternal care for other specified fetal problems, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.8931	Maternal care for other specified fetal problems, third trimester, fetus 1	Diagnosis	ICD-10-CM
O36.8932	Maternal care for other specified fetal problems, third trimester, fetus 2	Diagnosis	ICD-10-CM
O36.8933	Maternal care for other specified fetal problems, third trimester, fetus 3	Diagnosis	ICD-10-CM
O36.8934	Maternal care for other specified fetal problems, third trimester, fetus 4	Diagnosis	ICD-10-CM
O36.8935	Maternal care for other specified fetal problems, third trimester, fetus 5	Diagnosis	ICD-10-CM
O36.8939	Maternal care for other specified fetal problems, third trimester, other fetus	Diagnosis	ICD-10-CM
O36.91X0	Maternal care for fetal problem, unspecified, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.91X1	Maternal care for fetal problem, unspecified, first trimester, fetus 1	Diagnosis	ICD-10-CM
O36.91X2	Maternal care for fetal problem, unspecified, first trimester, fetus 2	Diagnosis	ICD-10-CM
O36.91X3	Maternal care for fetal problem, unspecified, first trimester, fetus 3	Diagnosis	ICD-10-CM
O36.91X4	Maternal care for fetal problem, unspecified, first trimester, fetus 4	Diagnosis	ICD-10-CM
O36.91X5	Maternal care for fetal problem, unspecified, first trimester, fetus 5	Diagnosis	ICD-10-CM
O36.91X9	Maternal care for fetal problem, unspecified, first trimester, other fetus	Diagnosis	ICD-10-CM
O36.92X0	Maternal care for fetal problem, unspecified, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.92X1	Maternal care for fetal problem, unspecified, second trimester, fetus 1	Diagnosis	ICD-10-CM
O36.92X2	Maternal care for fetal problem, unspecified, second trimester, fetus 2	Diagnosis	ICD-10-CM
O36.92X3	Maternal care for fetal problem, unspecified, second trimester, fetus 3	Diagnosis	ICD-10-CM
O36.92X4	Maternal care for fetal problem, unspecified, second trimester, fetus 4	Diagnosis	ICD-10-CM
O36.92X5	Maternal care for fetal problem, unspecified, second trimester, fetus 5	Diagnosis	ICD-10-CM
O36.92X9	Maternal care for fetal problem, unspecified, second trimester, other fetus	Diagnosis	ICD-10-CM
O36.93X0	Maternal care for fetal problem, unspecified, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM

Pregnancy Delivery Inpatient			
O36.93X1	Maternal care for fetal problem, unspecified, third trimester, fetus 1	Diagnosis	ICD-10-CM
O36.93X2	Maternal care for fetal problem, unspecified, third trimester, fetus 2	Diagnosis	ICD-10-CM
O36.93X3	Maternal care for fetal problem, unspecified, third trimester, fetus 3	Diagnosis	ICD-10-CM
O36.93X4	Maternal care for fetal problem, unspecified, third trimester, fetus 4	Diagnosis	ICD-10-CM
O36.93X5	Maternal care for fetal problem, unspecified, third trimester, fetus 5	Diagnosis	ICD-10-CM
O36.93X9	Maternal care for fetal problem, unspecified, third trimester, other fetus	Diagnosis	ICD-10-CM
O40.1XX0	Polyhydramnios, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O40.1XX1	Polyhydramnios, first trimester, fetus 1	Diagnosis	ICD-10-CM
O40.1XX2	Polyhydramnios, first trimester, fetus 2	Diagnosis	ICD-10-CM
O40.1XX3	Polyhydramnios, first trimester, fetus 3	Diagnosis	ICD-10-CM
O40.1XX4	Polyhydramnios, first trimester, fetus 4	Diagnosis	ICD-10-CM
O40.1XX5	Polyhydramnios, first trimester, fetus 5	Diagnosis	ICD-10-CM
O40.1XX9	Polyhydramnios, first trimester, other fetus	Diagnosis	ICD-10-CM
O40.2XX0	Polyhydramnios, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O40.2XX1	Polyhydramnios, second trimester, fetus 1	Diagnosis	ICD-10-CM
O40.2XX2	Polyhydramnios, second trimester, fetus 2	Diagnosis	ICD-10-CM
O40.2XX3	Polyhydramnios, second trimester, fetus 3	Diagnosis	ICD-10-CM
O40.2XX4	Polyhydramnios, second trimester, fetus 4	Diagnosis	ICD-10-CM
O40.2XX5	Polyhydramnios, second trimester, fetus 5	Diagnosis	ICD-10-CM
O40.2XX9	Polyhydramnios, second trimester, other fetus	Diagnosis	ICD-10-CM
O40.3XX0	Polyhydramnios, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O40.3XX1	Polyhydramnios, third trimester, fetus 1	Diagnosis	ICD-10-CM
O40.3XX2	Polyhydramnios, third trimester, fetus 2	Diagnosis	ICD-10-CM
O40.3XX3	Polyhydramnios, third trimester, fetus 3	Diagnosis	ICD-10-CM
O40.3XX4	Polyhydramnios, third trimester, fetus 4	Diagnosis	ICD-10-CM
O40.3XX5	Polyhydramnios, third trimester, fetus 5	Diagnosis	ICD-10-CM
O40.3XX9	Polyhydramnios, third trimester, other fetus	Diagnosis	ICD-10-CM
O41.01X0	Oligohydramnios, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O41.01X1	Oligohydramnios, first trimester, fetus 1	Diagnosis	ICD-10-CM
O41.01X2	Oligohydramnios, first trimester, fetus 2	Diagnosis	ICD-10-CM
O41.01X3	Oligohydramnios, first trimester, fetus 3	Diagnosis	ICD-10-CM
O41.01X4	Oligohydramnios, first trimester, fetus 4	Diagnosis	ICD-10-CM
O41.01X5	Oligohydramnios, first trimester, fetus 5	Diagnosis	ICD-10-CM
O41.01X9	Oligohydramnios, first trimester, other fetus	Diagnosis	ICD-10-CM
O41.02X0	Oligohydramnios, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O41.02X1	Oligohydramnios, second trimester, fetus 1	Diagnosis	ICD-10-CM
O41.02X2	Oligohydramnios, second trimester, fetus 2	Diagnosis	ICD-10-CM
O41.02X3	Oligohydramnios, second trimester, fetus 3	Diagnosis	ICD-10-CM
O41.02X4	Oligohydramnios, second trimester, fetus 4	Diagnosis	ICD-10-CM
O41.02X5	Oligohydramnios, second trimester, fetus 5	Diagnosis	ICD-10-CM
O41.02X9	Oligohydramnios, second trimester, other fetus	Diagnosis	ICD-10-CM
O41.03X0	Oligohydramnios, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O41.03X1	Oligohydramnios, third trimester, fetus 1	Diagnosis	ICD-10-CM
O41.03X2	Oligohydramnios, third trimester, fetus 2	Diagnosis	ICD-10-CM

	Pregnancy Delivery Inpatient		
O41.03X3	Oligohydramnios, third trimester, fetus 3	Diagnosis	ICD-10-CM
O41.03X4	Oligohydramnios, third trimester, fetus 4	Diagnosis	ICD-10-CM
O41.03X5	Oligohydramnios, third trimester, fetus 5	Diagnosis	ICD-10-CM
O41.03X9	Oligohydramnios, third trimester, other fetus	Diagnosis	ICD-10-CM
O41.1010	Infection of amniotic sac and membranes, unspecified, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O41.1011	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 1	Diagnosis	ICD-10-CM
O41.1012	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 2	Diagnosis	ICD-10-CM
O41.1013	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 3	Diagnosis	ICD-10-CM
O41.1014	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 4	Diagnosis	ICD-10-CM
O41.1015	Infection of amniotic sac and membranes, unspecified, first trimester, fetus 5	Diagnosis	ICD-10-CM
O41.1019	Infection of amniotic sac and membranes, unspecified, first trimester, other fetus	Diagnosis	ICD-10-CM
O41.1020	Infection of amniotic sac and membranes, unspecified, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O41.1021	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 1	Diagnosis	ICD-10-CM
O41.1022	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 2	Diagnosis	ICD-10-CM
O41.1023	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 3	Diagnosis	ICD-10-CM
O41.1024	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 4	Diagnosis	ICD-10-CM
O41.1025	Infection of amniotic sac and membranes, unspecified, second trimester, fetus 5	Diagnosis	ICD-10-CM
O41.1029	Infection of amniotic sac and membranes, unspecified, second trimester, other fetus	Diagnosis	ICD-10-CM
O41.1030	Infection of amniotic sac and membranes, unspecified, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O41.1031	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 1	Diagnosis	ICD-10-CM
O41.1032	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 2	Diagnosis	ICD-10-CM
O41.1033	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 3	Diagnosis	ICD-10-CM
O41.1034	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 4	Diagnosis	ICD-10-CM
O41.1035	Infection of amniotic sac and membranes, unspecified, third trimester, fetus 5	Diagnosis	ICD-10-CM
O41.1039	Infection of amniotic sac and membranes, unspecified, third trimester, other fetus	Diagnosis	ICD-10-CM
O41.1210	Chorioamnionitis, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O41.1211	Chorioamnionitis, first trimester, fetus 1	Diagnosis	ICD-10-CM
O41.1212	Chorioamnionitis, first trimester, fetus 2	Diagnosis	ICD-10-CM
O41.1213	Chorioamnionitis, first trimester, fetus 3	Diagnosis	ICD-10-CM
O41.1214	Chorioamnionitis, first trimester, fetus 4	Diagnosis	ICD-10-CM
O41.1215	Chorioamnionitis, first trimester, fetus 5	Diagnosis	ICD-10-CM
O41.1219	Chorioamnionitis, first trimester, other fetus	Diagnosis	ICD-10-CM
O41.1220	Chorioamnionitis, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O41.1221	Chorioamnionitis, second trimester, fetus 1	Diagnosis	ICD-10-CM
O41.1222	Chorioamnionitis, second trimester, fetus 2	Diagnosis	ICD-10-CM
O41.1223	Chorioamnionitis, second trimester, fetus 3	Diagnosis	ICD-10-CM
O41.1224	Chorioamnionitis, second trimester, fetus 4	Diagnosis	ICD-10-CM
O41.1225	Chorioamnionitis, second trimester, fetus 5	Diagnosis	ICD-10-CM
O41.1229	Chorioamnionitis, second trimester, other fetus	Diagnosis	ICD-10-CM

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O41.1230	Chorioamnionitis, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O41.1231	Chorioamnionitis, third trimester, fetus 1	Diagnosis	ICD-10-CM
O41.1232	Chorioamnionitis, third trimester, fetus 2	Diagnosis	ICD-10-CM
O41.1233	Chorioamnionitis, third trimester, fetus 3	Diagnosis	ICD-10-CM
O41.1234	Chorioamnionitis, third trimester, fetus 4	Diagnosis	ICD-10-CM
O41.1235	Chorioamnionitis, third trimester, fetus 5	Diagnosis	ICD-10-CM
O41.1239	Chorioamnionitis, third trimester, other fetus	Diagnosis	ICD-10-CM
O41.1410	Placentitis, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O41.1411	Placentitis, first trimester, fetus 1	Diagnosis	ICD-10-CM
O41.1412	Placentitis, first trimester, fetus 2	Diagnosis	ICD-10-CM
O41.1413	Placentitis, first trimester, fetus 3	Diagnosis	ICD-10-CM
O41.1414	Placentitis, first trimester, fetus 4	Diagnosis	ICD-10-CM
O41.1415	Placentitis, first trimester, fetus 5	Diagnosis	ICD-10-CM
O41.1419	Placentitis, first trimester, other fetus	Diagnosis	ICD-10-CM
O41.1420	Placentitis, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O41.1421	Placentitis, second trimester, fetus 1	Diagnosis	ICD-10-CM
O41.1422	Placentitis, second trimester, fetus 2	Diagnosis	ICD-10-CM
O41.1423	Placentitis, second trimester, fetus 3	Diagnosis	ICD-10-CM
O41.1424	Placentitis, second trimester, fetus 4	Diagnosis	ICD-10-CM
O41.1425	Placentitis, second trimester, fetus 5	Diagnosis	ICD-10-CM
O41.1429	Placentitis, second trimester, other fetus	Diagnosis	ICD-10-CM
O41.1430	Placentitis, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O41.1431	Placentitis, third trimester, fetus 1	Diagnosis	ICD-10-CM
O41.1432	Placentitis, third trimester, fetus 2	Diagnosis	ICD-10-CM
O41.1433	Placentitis, third trimester, fetus 3	Diagnosis	ICD-10-CM
O41.1434	Placentitis, third trimester, fetus 4	Diagnosis	ICD-10-CM
O41.1435	Placentitis, third trimester, fetus 5	Diagnosis	ICD-10-CM
O41.1439	Placentitis, third trimester, other fetus	Diagnosis	ICD-10-CM
O41.8X10	Other specified disorders of amniotic fluid and membranes, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O41.8X11	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 1	Diagnosis	ICD-10-CM
O41.8X12	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 2	Diagnosis	ICD-10-CM
O41.8X13	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 3	Diagnosis	ICD-10-CM
O41.8X14	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 4	Diagnosis	ICD-10-CM
O41.8X15	Other specified disorders of amniotic fluid and membranes, first trimester, fetus 5	Diagnosis	ICD-10-CM
O41.8X19	Other specified disorders of amniotic fluid and membranes, first trimester, other fetus	Diagnosis	ICD-10-CM
O41.8X20	Other specified disorders of amniotic fluid and membranes, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM

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O41.8X21	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 1	Diagnosis	ICD-10-CM
O41.8X22	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 2	Diagnosis	ICD-10-CM
O41.8X23	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 3	Diagnosis	ICD-10-CM
O41.8X24	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 4	Diagnosis	ICD-10-CM
O41.8X25	Other specified disorders of amniotic fluid and membranes, second trimester, fetus 5	Diagnosis	ICD-10-CM
O41.8X29	Other specified disorders of amniotic fluid and membranes, second trimester, other fetus	Diagnosis	ICD-10-CM
O41.8X30	Other specified disorders of amniotic fluid and membranes, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O41.8X31	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 1	Diagnosis	ICD-10-CM
O41.8X32	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 2	Diagnosis	ICD-10-CM
O41.8X33	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 3	Diagnosis	ICD-10-CM
O41.8X34	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 4	Diagnosis	ICD-10-CM
O41.8X35	Other specified disorders of amniotic fluid and membranes, third trimester, fetus 5	Diagnosis	ICD-10-CM
O41.8X39	Other specified disorders of amniotic fluid and membranes, third trimester, other fetus	Diagnosis	ICD-10-CM
O41.91X0	Disorder of amniotic fluid and membranes, unspecified, first trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O41.91X1	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 1	Diagnosis	ICD-10-CM
O41.91X2	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 2	Diagnosis	ICD-10-CM
O41.91X3	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 3	Diagnosis	ICD-10-CM
O41.91X4	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 4	Diagnosis	ICD-10-CM
O41.91X5	Disorder of amniotic fluid and membranes, unspecified, first trimester, fetus 5	Diagnosis	ICD-10-CM
O41.91X9	Disorder of amniotic fluid and membranes, unspecified, first trimester, other fetus	Diagnosis	ICD-10-CM
O41.92X0	Disorder of amniotic fluid and membranes, unspecified, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O41.92X1	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 1	Diagnosis	ICD-10-CM
O41.92X2	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 2	Diagnosis	ICD-10-CM
O41.92X3	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 3	Diagnosis	ICD-10-CM
O41.92X4	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 4	Diagnosis	ICD-10-CM
O41.92X5	Disorder of amniotic fluid and membranes, unspecified, second trimester, fetus 5	Diagnosis	ICD-10-CM
O41.92X9	Disorder of amniotic fluid and membranes, unspecified, second trimester, other fetus	Diagnosis	ICD-10-CM

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O41.93X0	Disorder of amniotic fluid and membranes, unspecified, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O41.93X1	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 1	Diagnosis	ICD-10-CM
O41.93X2	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 2	Diagnosis	ICD-10-CM
O41.93X3	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 3	Diagnosis	ICD-10-CM
O41.93X4	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 4	Diagnosis	ICD-10-CM
O41.93X5	Disorder of amniotic fluid and membranes, unspecified, third trimester, fetus 5	Diagnosis	ICD-10-CM
O41.93X9	Disorder of amniotic fluid and membranes, unspecified, third trimester, other fetus	Diagnosis	ICD-10-CM
O42.011	Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, first trimester	Diagnosis	ICD-10-CM
O42.012	Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, second trimester	Diagnosis	ICD-10-CM
O42.013	Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, third trimester	Diagnosis	ICD-10-CM
O42.019	Preterm premature rupture of membranes, onset of labor within 24 hours of rupture, unspecified trimester	Diagnosis	ICD-10-CM
O42.02	Full-term premature rupture of membranes, onset of labor within 24 hours of rupture	Diagnosis	ICD-10-CM
O42.111	Preterm premature rupture of membranes, onset of labor more than 24 hours following rupture, first trimester	Diagnosis	ICD-10-CM
O42.112	Preterm premature rupture of membranes, onset of labor more than 24 hours following rupture, second trimester	Diagnosis	ICD-10-CM
O42.113	Preterm premature rupture of membranes, onset of labor more than 24 hours following rupture, third trimester	Diagnosis	ICD-10-CM
O42.119	Preterm premature rupture of membranes, onset of labor more than 24 hours following rupture, unspecified trimester	Diagnosis	ICD-10-CM
O42.12	Full-term premature rupture of membranes, onset of labor more than 24 hours following rupture	Diagnosis	ICD-10-CM
O42.911	Preterm premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, first trimester	Diagnosis	ICD-10-CM
O42.912	Preterm premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, second trimester	Diagnosis	ICD-10-CM
O42.913	Preterm premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, third trimester	Diagnosis	ICD-10-CM
O42.919	Preterm premature rupture of membranes, unspecified as to length of time between rupture and onset of labor, unspecified trimester	Diagnosis	ICD-10-CM
O42.92	Full-term premature rupture of membranes, unspecified as to length of time between rupture and onset of labor	Diagnosis	ICD-10-CM
O43.011	Fetomaternal placental transfusion syndrome, first trimester	Diagnosis	ICD-10-CM
O43.012	Fetomaternal placental transfusion syndrome, second trimester	Diagnosis	ICD-10-CM
O43.013	Fetomaternal placental transfusion syndrome, third trimester	Diagnosis	ICD-10-CM
O43.021	Fetus-to-fetus placental transfusion syndrome, first trimester	Diagnosis	ICD-10-CM
O43.022	Fetus-to-fetus placental transfusion syndrome, second trimester	Diagnosis	ICD-10-CM

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O43.023	Fetus-to-fetus placental transfusion syndrome, third trimester	Diagnosis	ICD-10-CM
O43.101	Malformation of placenta, unspecified, first trimester	Diagnosis	ICD-10-CM
O43.102	Malformation of placenta, unspecified, second trimester	Diagnosis	ICD-10-CM
O43.103	Malformation of placenta, unspecified, third trimester	Diagnosis	ICD-10-CM
O43.111	Circumvallate placenta, first trimester	Diagnosis	ICD-10-CM
O43.112	Circumvallate placenta, second trimester	Diagnosis	ICD-10-CM
O43.113	Circumvallate placenta, third trimester	Diagnosis	ICD-10-CM
O43.121	Velamentous insertion of umbilical cord, first trimester	Diagnosis	ICD-10-CM
O43.122	Velamentous insertion of umbilical cord, second trimester	Diagnosis	ICD-10-CM
O43.123	Velamentous insertion of umbilical cord, third trimester	Diagnosis	ICD-10-CM
O43.191	Other malformation of placenta, first trimester	Diagnosis	ICD-10-CM
O43.192	Other malformation of placenta, second trimester	Diagnosis	ICD-10-CM
O43.193	Other malformation of placenta, third trimester	Diagnosis	ICD-10-CM
O43.211	Placenta accreta, first trimester	Diagnosis	ICD-10-CM
O43.212	Placenta accreta, second trimester	Diagnosis	ICD-10-CM
O43.213	Placenta accreta, third trimester	Diagnosis	ICD-10-CM
O43.221	Placenta increta, first trimester	Diagnosis	ICD-10-CM
O43.222	Placenta increta, second trimester	Diagnosis	ICD-10-CM
O43.223	Placenta increta, third trimester	Diagnosis	ICD-10-CM
O43.231	Placenta percreta, first trimester	Diagnosis	ICD-10-CM
O43.232	Placenta percreta, second trimester	Diagnosis	ICD-10-CM
O43.233	Placenta percreta, third trimester	Diagnosis	ICD-10-CM
O43.811	Placental infarction, first trimester	Diagnosis	ICD-10-CM
O43.812	Placental infarction, second trimester	Diagnosis	ICD-10-CM
O43.813	Placental infarction, third trimester	Diagnosis	ICD-10-CM
O43.891	Other placental disorders, first trimester	Diagnosis	ICD-10-CM
O43.892	Other placental disorders, second trimester	Diagnosis	ICD-10-CM
O43.893	Other placental disorders, third trimester	Diagnosis	ICD-10-CM
O43.91	Unspecified placental disorder, first trimester	Diagnosis	ICD-10-CM
O43.92	Unspecified placental disorder, second trimester	Diagnosis	ICD-10-CM
O43.93	Unspecified placental disorder, third trimester	Diagnosis	ICD-10-CM
O44.01	Complete placenta previa NOS or without hemorrhage, first trimester	Diagnosis	ICD-10-CM
O44.02	Complete placenta previa NOS or without hemorrhage, second trimester	Diagnosis	ICD-10-CM
O44.03	Complete placenta previa NOS or without hemorrhage, third trimester	Diagnosis	ICD-10-CM
O44.11	Complete placenta previa with hemorrhage, first trimester	Diagnosis	ICD-10-CM
O44.12	Complete placenta previa with hemorrhage, second trimester	Diagnosis	ICD-10-CM
O44.13	Complete placenta previa with hemorrhage, third trimester	Diagnosis	ICD-10-CM
O44.21	Partial placenta previa NOS or without hemorrhage, first trimester	Diagnosis	ICD-10-CM
O44.22	Partial placenta previa NOS or without hemorrhage, second trimester	Diagnosis	ICD-10-CM
O44.23	Partial placenta previa NOS or without hemorrhage, third trimester	Diagnosis	ICD-10-CM
O44.31	Partial placenta previa with hemorrhage, first trimester	Diagnosis	ICD-10-CM
O44.32	Partial placenta previa with hemorrhage, second trimester	Diagnosis	ICD-10-CM
O44.33	Partial placenta previa with hemorrhage, third trimester	Diagnosis	ICD-10-CM
O44.41	Low lying placenta NOS or without hemorrhage, first trimester	Diagnosis	ICD-10-CM

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O44.42	Low lying placenta NOS or without hemorrhage, second trimester	Diagnosis	ICD-10-CM
O44.43	Low lying placenta NOS or without hemorrhage, third trimester	Diagnosis	ICD-10-CM
O44.51	Low lying placenta with hemorrhage, first trimester	Diagnosis	ICD-10-CM
O44.52	Low lying placenta with hemorrhage, second trimester	Diagnosis	ICD-10-CM
O44.53	Low lying placenta with hemorrhage, third trimester	Diagnosis	ICD-10-CM
O45.001	Premature separation of placenta with coagulation defect, unspecified, first trimester	Diagnosis	ICD-10-CM
O45.002	Premature separation of placenta with coagulation defect, unspecified, second trimester	Diagnosis	ICD-10-CM
O45.003	Premature separation of placenta with coagulation defect, unspecified, third trimester	Diagnosis	ICD-10-CM
O45.011	Premature separation of placenta with afibrinogenemia, first trimester	Diagnosis	ICD-10-CM
O45.012	Premature separation of placenta with afibrinogenemia, second trimester	Diagnosis	ICD-10-CM
O45.013	Premature separation of placenta with afibrinogenemia, third trimester	Diagnosis	ICD-10-CM
O45.021	Premature separation of placenta with disseminated intravascular coagulation, first trimester	Diagnosis	ICD-10-CM
O45.022	Premature separation of placenta with disseminated intravascular coagulation, second trimester	Diagnosis	ICD-10-CM
O45.023	Premature separation of placenta with disseminated intravascular coagulation, third trimester	Diagnosis	ICD-10-CM
O45.091	Premature separation of placenta with other coagulation defect, first trimester	Diagnosis	ICD-10-CM
O45.092	Premature separation of placenta with other coagulation defect, second trimester	Diagnosis	ICD-10-CM
O45.093	Premature separation of placenta with other coagulation defect, third trimester	Diagnosis	ICD-10-CM
O45.8X1	Other premature separation of placenta, first trimester	Diagnosis	ICD-10-CM
O45.8X2	Other premature separation of placenta, second trimester	Diagnosis	ICD-10-CM
O45.8X3	Other premature separation of placenta, third trimester	Diagnosis	ICD-10-CM
O45.91	Premature separation of placenta, unspecified, first trimester	Diagnosis	ICD-10-CM
O45.92	Premature separation of placenta, unspecified, second trimester	Diagnosis	ICD-10-CM
O45.93	Premature separation of placenta, unspecified, third trimester	Diagnosis	ICD-10-CM
O46.001	Antepartum hemorrhage with coagulation defect, unspecified, first trimester	Diagnosis	ICD-10-CM
O46.002	Antepartum hemorrhage with coagulation defect, unspecified, second trimester	Diagnosis	ICD-10-CM
O46.003	Antepartum hemorrhage with coagulation defect, unspecified, third trimester	Diagnosis	ICD-10-CM
O46.011	Antepartum hemorrhage with afibrinogenemia, first trimester	Diagnosis	ICD-10-CM
O46.012	Antepartum hemorrhage with afibrinogenemia, second trimester	Diagnosis	ICD-10-CM
O46.013	Antepartum hemorrhage with afibrinogenemia, third trimester	Diagnosis	ICD-10-CM
O46.021	Antepartum hemorrhage with disseminated intravascular coagulation, first trimester	Diagnosis	ICD-10-CM
O46.022	Antepartum hemorrhage with disseminated intravascular coagulation, second trimester	Diagnosis	ICD-10-CM
O46.023	Antepartum hemorrhage with disseminated intravascular coagulation, third trimester	Diagnosis	ICD-10-CM
O46.091	Antepartum hemorrhage with other coagulation defect, first trimester	Diagnosis	ICD-10-CM
O46.092	Antepartum hemorrhage with other coagulation defect, second trimester	Diagnosis	ICD-10-CM
O46.093	Antepartum hemorrhage with other coagulation defect, third trimester	Diagnosis	ICD-10-CM

	Pregnancy Delivery Inpatient		
O46.8X1	Other antepartum hemorrhage, first trimester	Diagnosis	ICD-10-CM
O46.8X2	Other antepartum hemorrhage, second trimester	Diagnosis	ICD-10-CM
O46.8X3	Other antepartum hemorrhage, third trimester	Diagnosis	ICD-10-CM
O46.91	Antepartum hemorrhage, unspecified, first trimester	Diagnosis	ICD-10-CM
O46.92	Antepartum hemorrhage, unspecified, second trimester	Diagnosis	ICD-10-CM
O46.93	Antepartum hemorrhage, unspecified, third trimester	Diagnosis	ICD-10-CM
O47.02	False labor before 37 completed weeks of gestation, second trimester	Diagnosis	ICD-10-CM
O47.03	False labor before 37 completed weeks of gestation, third trimester	Diagnosis	ICD-10-CM
O47.1	False labor at or after 37 completed weeks of gestation	Diagnosis	ICD-10-CM
O48.0	Post-term pregnancy	Diagnosis	ICD-10-CM
O48.1	Prolonged pregnancy	Diagnosis	ICD-10-CM
O60.02	Preterm labor without delivery, second trimester	Diagnosis	ICD-10-CM
O60.03	Preterm labor without delivery, third trimester	Diagnosis	ICD-10-CM
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O71.02	Rupture of uterus before onset of labor, second trimester	Diagnosis	ICD-10-CM
O71.03	Rupture of uterus before onset of labor, third trimester	Diagnosis	ICD-10-CM
O75.82	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
O88.011	Air embolism in pregnancy, first trimester	Diagnosis	ICD-10-CM
O88.012	Air embolism in pregnancy, second trimester	Diagnosis	ICD-10-CM
O88.013	Air embolism in pregnancy, third trimester	Diagnosis	ICD-10-CM
O88.111	Amniotic fluid embolism in pregnancy, first trimester	Diagnosis	ICD-10-CM
O88.112	Amniotic fluid embolism in pregnancy, second trimester	Diagnosis	ICD-10-CM
O88.113	Amniotic fluid embolism in pregnancy, third trimester	Diagnosis	ICD-10-CM
O88.211	Thromboembolism in pregnancy, first trimester	Diagnosis	ICD-10-CM
O88.212	Thromboembolism in pregnancy, second trimester	Diagnosis	ICD-10-CM
O88.213	Thromboembolism in pregnancy, third trimester	Diagnosis	ICD-10-CM
O88.311	Pyemic and septic embolism in pregnancy, first trimester	Diagnosis	ICD-10-CM
O88.312	Pyemic and septic embolism in pregnancy, second trimester	Diagnosis	ICD-10-CM
O88.313	Pyemic and septic embolism in pregnancy, third trimester	Diagnosis	ICD-10-CM
O88.811	Other embolism in pregnancy, first trimester	Diagnosis	ICD-10-CM
O88.812	Other embolism in pregnancy, second trimester	Diagnosis	ICD-10-CM
O88.813	Other embolism in pregnancy, third trimester	Diagnosis	ICD-10-CM
O91.011	Infection of nipple associated with pregnancy, first trimester	Diagnosis	ICD-10-CM
O91.012	Infection of nipple associated with pregnancy, second trimester	Diagnosis	ICD-10-CM
O91.013	Infection of nipple associated with pregnancy, third trimester	Diagnosis	ICD-10-CM
O91.111	Abscess of breast associated with pregnancy, first trimester	Diagnosis	ICD-10-CM
O91.112	Abscess of breast associated with pregnancy, second trimester	Diagnosis	ICD-10-CM
O91.113	Abscess of breast associated with pregnancy, third trimester	Diagnosis	ICD-10-CM
O91.211	Nonpurulent mastitis associated with pregnancy, first trimester	Diagnosis	ICD-10-CM
O91.212	Nonpurulent mastitis associated with pregnancy, second trimester	Diagnosis	ICD-10-CM
O91.213	Nonpurulent mastitis associated with pregnancy, third trimester	Diagnosis	ICD-10-CM
O92.011	Retracted nipple associated with pregnancy, first trimester	Diagnosis	ICD-10-CM

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O92.012	Retracted nipple associated with pregnancy, second trimester	Diagnosis	ICD-10-CM
O92.013	Retracted nipple associated with pregnancy, third trimester	Diagnosis	ICD-10-CM
O92.111	Cracked nipple associated with pregnancy, first trimester	Diagnosis	ICD-10-CM
O92.112	Cracked nipple associated with pregnancy, second trimester	Diagnosis	ICD-10-CM
O92.113	Cracked nipple associated with pregnancy, third trimester	Diagnosis	ICD-10-CM
O98.011	Tuberculosis complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98.012	Tuberculosis complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98.013	Tuberculosis complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98.111	Syphilis complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98.112	Syphilis complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98.113	Syphilis complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98.211	Gonorrhea complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98.212	Gonorrhea complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98.213	Gonorrhea complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98.311	Other infections with a predominantly sexual mode of transmission complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98.312	Other infections with a predominantly sexual mode of transmission complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98.313	Other infections with a predominantly sexual mode of transmission complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98.411	Viral hepatitis complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98.412	Viral hepatitis complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98.413	Viral hepatitis complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98.511	Other viral diseases complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98.512	Other viral diseases complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98.513	Other viral diseases complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98.611	Protozoal diseases complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98.612	Protozoal diseases complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98.613	Protozoal diseases complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98.711	Human immunodeficiency virus [HIV] disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98.712	Human immunodeficiency virus [HIV] disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98.713	Human immunodeficiency virus [HIV] disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98.811	Other maternal infectious and parasitic diseases complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98.812	Other maternal infectious and parasitic diseases complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98.813	Other maternal infectious and parasitic diseases complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98.911	Unspecified maternal infectious and parasitic disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM

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

	Pregnancy Delivery Inpatient		
O98.912	Unspecified maternal infectious and parasitic disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98.913	Unspecified maternal infectious and parasitic disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.011	Anemia complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.012	Anemia complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.013	Anemia complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.111	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.112	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.113	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.211	Obesity complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.212	Obesity complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.213	Obesity complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.281	Endocrine, nutritional and metabolic diseases complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.282	Endocrine, nutritional and metabolic diseases complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.283	Endocrine, nutritional and metabolic diseases complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.311	Alcohol use complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.312	Alcohol use complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.313	Alcohol use complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.321	Drug use complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.322	Drug use complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.323	Drug use complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.331	Smoking (tobacco) complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.332	Smoking (tobacco) complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.333	Smoking (tobacco) complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.341	Other mental disorders complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.342	Other mental disorders complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.343	Other mental disorders complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.351	Diseases of the nervous system complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.352	Diseases of the nervous system complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.353	Diseases of the nervous system complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.411	Diseases of the circulatory system complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.412	Diseases of the circulatory system complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.413	Diseases of the circulatory system complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.511	Diseases of the respiratory system complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.512	Diseases of the respiratory system complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.513	Diseases of the respiratory system complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.611	Diseases of the digestive system complicating pregnancy, first trimester	Diagnosis	ICD-10-CM

	Pregnancy Delivery Inpatient		
O99.612	Diseases of the digestive system complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.613	Diseases of the digestive system complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.711	Diseases of the skin and subcutaneous tissue complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.712	Diseases of the skin and subcutaneous tissue complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.713	Diseases of the skin and subcutaneous tissue complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.841	Bariatric surgery status complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.842	Bariatric surgery status complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.843	Bariatric surgery status complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O9A.111	Malignant neoplasm complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O9A.112	Malignant neoplasm complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O9A.113	Malignant neoplasm complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O9A.211	Injury, poisoning and certain other consequences of external causes complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O9A.212	Injury, poisoning and certain other consequences of external causes complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O9A.213	Injury, poisoning and certain other consequences of external causes complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O9A.311	Physical abuse complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O9A.312	Physical abuse complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O9A.313	Physical abuse complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O9A.411	Sexual abuse complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O9A.412	Sexual abuse complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O9A.413	Sexual abuse complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O9A.511	Psychological abuse complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O9A.512	Psychological abuse complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O9A.513	Psychological abuse complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
P07.00	Extremely low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM
P07.01	Extremely low birth weight newborn, less than 500 grams	Diagnosis	ICD-10-CM
P07.02	Extremely low birth weight newborn, 500-749 grams	Diagnosis	ICD-10-CM
P07.03	Extremely low birth weight newborn, 750-999 grams	Diagnosis	ICD-10-CM
P07.10	Other low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM
P07.14	Other low birth weight newborn, 1000-1249 grams	Diagnosis	ICD-10-CM
P07.15	Other low birth weight newborn, 1250-1499 grams	Diagnosis	ICD-10-CM
P07.16	Other low birth weight newborn, 1500-1749 grams	Diagnosis	ICD-10-CM
P07.17	Other low birth weight newborn, 1750-1999 grams	Diagnosis	ICD-10-CM
P07.18	Other low birth weight newborn, 2000-2499 grams	Diagnosis	ICD-10-CM
P07.20	Extreme immaturity of newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM
P07.21	Extreme immaturity of newborn, gestational age less than 23 completed weeks	Diagnosis	ICD-10-CM
P07.22	Extreme immaturity of newborn, gestational age 23 completed weeks	Diagnosis	ICD-10-CM
P07.23	Extreme immaturity of newborn, gestational age 24 completed weeks	Diagnosis	ICD-10-CM
P07.24	Extreme immaturity of newborn, gestational age 25 completed weeks	Diagnosis	ICD-10-CM

Pregnancy Delivery Inpatient			
P07.25	Extreme immaturity of newborn, gestational age 26 completed weeks	Diagnosis	ICD-10-CM
P07.26	Extreme immaturity of newborn, gestational age 27 completed weeks	Diagnosis	ICD-10-CM
P07.30	Preterm newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM
P07.31	Preterm newborn, gestational age 28 completed weeks	Diagnosis	ICD-10-CM
P07.32	Preterm newborn, gestational age 29 completed weeks	Diagnosis	ICD-10-CM
P07.33	Preterm newborn, gestational age 30 completed weeks	Diagnosis	ICD-10-CM
P07.34	Preterm newborn, gestational age 31 completed weeks	Diagnosis	ICD-10-CM
P07.35	Preterm newborn, gestational age 32 completed weeks	Diagnosis	ICD-10-CM
P07.36	Preterm newborn, gestational age 33 completed weeks	Diagnosis	ICD-10-CM
P07.37	Preterm newborn, gestational age 34 completed weeks	Diagnosis	ICD-10-CM
P07.38	Preterm newborn, gestational age 35 completed weeks	Diagnosis	ICD-10-CM
P07.39	Preterm newborn, gestational age 36 completed weeks	Diagnosis	ICD-10-CM
P08.22	Prolonged gestation of newborn	Diagnosis	ICD-10-CM
S4011	IN VITRO FERTILIZATION;	Procedure	HCPCS
S4013	COMPLETE CYCLE GIFT CASE RATE	Procedure	HCPCS
S4014	COMPLETE CYCLE ZIFT CASE RATE	Procedure	HCPCS
S4015	COMPLETE IVF CYCLE CASE RATE NOS	Procedure	HCPCS
S4016	FROZEN IVF CYCLE CASE RATE	Procedure	HCPCS
S4035	STIMULATED INTRAUTERINE INSEMINATION (IUI), CASE RATE	Procedure	HCPCS
S4037	Cryopreserved embryo transfer, case rate	Procedure	HCPCS
Z34.01	Encounter for supervision of normal first pregnancy, first trimester	Diagnosis	ICD-10-CM
Z34.02	Encounter for supervision of normal first pregnancy, second trimester	Diagnosis	ICD-10-CM
Z34.03	Encounter for supervision of normal first pregnancy, third trimester	Diagnosis	ICD-10-CM
Z34.81	Encounter for supervision of other normal pregnancy, first trimester	Diagnosis	ICD-10-CM
Z34.82	Encounter for supervision of other normal pregnancy, second trimester	Diagnosis	ICD-10-CM
Z34.83	Encounter for supervision of other normal pregnancy, third trimester	Diagnosis	ICD-10-CM
Z34.91	Encounter for supervision of normal pregnancy, unspecified, first trimester	Diagnosis	ICD-10-CM
Z34.92	Encounter for supervision of normal pregnancy, unspecified, second trimester	Diagnosis	ICD-10-CM
Z34.93	Encounter for supervision of normal pregnancy, unspecified, third trimester	Diagnosis	ICD-10-CM
Z3A.01	Less than 8 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.08	8 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.09	9 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.10	10 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.11	11 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.12	12 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.13	13 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.14	14 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.15	15 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.16	16 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.17	17 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.18	18 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.19	19 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.20	20 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.21	21 weeks gestation of pregnancy	Diagnosis	ICD-10-CM

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

Pregnancy Delivery Inpatient			
Z3A.22	22 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.23	23 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.24	24 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.25	25 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.26	26 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.27	27 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.28	28 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.29	29 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.30	30 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.31	31 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.32	32 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.33	33 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.34	34 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.35	35 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.36	36 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.37	37 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.38	38 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.39	39 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.40	40 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.41	41 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.42	42 weeks gestation of pregnancy	Diagnosis	ICD-10-CM
Z3A.49	Greater than 42 weeks gestation of pregnancy	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Neovascular (wet) age-related macular degeneration (nAMD)

Code	Description	Code Category	Code Type
H35.3210	Exudative age-related macular degeneration, right eye, stage unspecified	Diagnosis	ICD-10-CM
H35.3211	Exudative age-related macular degeneration, right eye, with active choroidal neovascularization	Diagnosis	ICD-10-CM
H35.3212	Exudative age-related macular degeneration, right eye, with inactive choroidal neovascularization	Diagnosis	ICD-10-CM
H35.3213	Exudative age-related macular degeneration, right eye, with inactive scar	Diagnosis	ICD-10-CM
H35.3220	Exudative age-related macular degeneration, left eye, stage unspecified	Diagnosis	ICD-10-CM
H35.3221	Exudative age-related macular degeneration, left eye, with active choroidal neovascularization	Diagnosis	ICD-10-CM
H35.3222	Exudative age-related macular degeneration, left eye, with inactive choroidal neovascularization	Diagnosis	ICD-10-CM
H35.3223	Exudative age-related macular degeneration, left eye, with inactive scar	Diagnosis	ICD-10-CM
H35.3230	Exudative age-related macular degeneration, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H35.3231	Exudative age-related macular degeneration, bilateral, with active choroidal neovascularization	Diagnosis	ICD-10-CM
H35.3232	Exudative age-related macular degeneration, bilateral, with inactive choroidal neovascularization	Diagnosis	ICD-10-CM
H35.3233	Exudative age-related macular degeneration, bilateral, with inactive scar	Diagnosis	ICD-10-CM
H35.3290	Exudative age-related macular degeneration, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H35.3291	Exudative age-related macular degeneration, unspecified eye, with active choroidal neovascularization	Diagnosis	ICD-10-CM
H35.3292	Exudative age-related macular degeneration, unspecified eye, with inactive choroidal neovascularization	Diagnosis	ICD-10-CM
H35.3293	Exudative age-related macular degeneration, unspecified eye, with inactive scar	Diagnosis	ICD-10-CM

Retinal vein occlusion (RVO) with macular edema

Code	Description	Code Category	Code Type
H34.8110	Central retinal vein occlusion, right eye, with macular edema	Diagnosis	ICD-10-CM
H34.8120	Central retinal vein occlusion, left eye, with macular edema	Diagnosis	ICD-10-CM
H34.8130	Central retinal vein occlusion, bilateral, with macular edema	Diagnosis	ICD-10-CM
H34.8310	Tributary (branch) retinal vein occlusion, right eye, with macular edema	Diagnosis	ICD-10-CM
H34.8320	Tributary (branch) retinal vein occlusion, left eye, with macular edema	Diagnosis	ICD-10-CM
H34.8330	Tributary (branch) retinal vein occlusion, bilateral, with macular edema	Diagnosis	ICD-10-CM

Diabetic macular edema (DME)

Code	Description	Code Category	Code Type
E08.311	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.321	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.331	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.341	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.351	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.37	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
E09.311	Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.321	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.331	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.341	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.351	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.37	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM
E10.311	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.321	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.331	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.341	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.351	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.37	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM
E11.311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.321	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.331	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.341	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.351	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.37	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM
E13.311	Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.321	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.331	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.341	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.351	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.37	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM

	Neovascular (wet) age-related macular degeneration (nAMD)		
Code	**Description**	**Code Category**	**Code Type**
Stroke/TIA Exclusion Codes			
S06.340A	Traumatic hemorrhage of right cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.341A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.342A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.343A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.344A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.345A	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.346A	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.347A	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.348A	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.349A	Traumatic hemorrhage of right cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.34AA	Traumatic hemorrhage of right cerebrum with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.350A	Traumatic hemorrhage of left cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.351A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.352A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.353A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.354A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.355A	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.356A	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.357A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.358A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM

	Neovascular (wet) age-related macular degeneration (nAMD)		
Code	**Description**	**Code Category**	**Code Type**
S06.359A	Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.35AA	Traumatic hemorrhage of left cerebrum with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.360A	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.361A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.362A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.363A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.364A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.365A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.366A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.367A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.368A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.369A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.36AA	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.370A	Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.371A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.372A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.373A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.374A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.375A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.376A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
S06.377A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.378A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.379A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.37AA	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.380A	Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.381A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.382A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.383A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.384A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.385A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.386A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.387A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.388A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.389A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.38AA	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.5X0A	Traumatic subdural hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X1A	Traumatic subdural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.5X2A	Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.5X3A	Traumatic subdural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.5X4A	Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
S06.5X5A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.5X6A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.5X7A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to brain injury before regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X8A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to other cause before regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X9A	Traumatic subdural hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.5XAA	Traumatic subdural hemorrhage with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.6X0A	Traumatic subarachnoid hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X1A	Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.6X2A	Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.6X3A	Traumatic subarachnoid hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.6X4A	Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.6X5A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.6X6A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.6X7A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X8A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X9A	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.6XAA	Traumatic subarachnoid hemorrhage with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.810A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.811A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.812A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.813A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.814A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
S06.815A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.816A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.817A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.818A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.819A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.81AA	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.820A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.821A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.822A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.823A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.824A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.825A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.826A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.827A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.828A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.829A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.82AA	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.890A	Other specified intracranial injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.891A	Other specified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM

Neovascular (wet) age-related macular degeneration (nAMD)

Code	Description	Code Category	Code Type
S06.892A	Other specified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.893A	Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.894A	Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.895A	Other specified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.896A	Other specified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.897A	Other specified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.898A	Other specified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.899A	Other specified intracranial injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.89AA	Other specified intracranial injury with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.9X0A	Unspecified intracranial injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X1A	Unspecified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.9X2A	Unspecified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.9X3A	Unspecified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.9X4A	Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.9X5A	Unspecified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.9X6A	Unspecified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.9X7A	Unspecified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X8A	Unspecified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X9A	Unspecified intracranial injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.9XAA	Unspecified intracranial injury with loss of consciousness status unknown, initial encounter	Diagnosis	ICD-10-CM
S06.A0XA	Traumatic brain compression without herniation, initial encounter	Diagnosis	ICD-10-CM
S06.A1XA	Traumatic brain compression with herniation, initial encounter	Diagnosis	ICD-10-CM

Stroke/TIA Inclusion Codes

Code	Description	Code Category	Code Type
G45.0	Vertebro-basilar artery syndrome	Diagnosis	ICD-10-CM
G45.1	Carotid artery syndrome (hemispheric)	Diagnosis	ICD-10-CM
G45.2	Multiple and bilateral precerebral artery syndromes	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
G45.3	Amaurosis fugax	Diagnosis	ICD-10-CM
G45.8	Other transient cerebral ischemic attacks and related syndromes	Diagnosis	ICD-10-CM
G45.9	Transient cerebral ischemic attack, unspecified	Diagnosis	ICD-10-CM
G46.0	Middle cerebral artery syndrome	Diagnosis	ICD-10-CM
G46.1	Anterior cerebral artery syndrome	Diagnosis	ICD-10-CM
G46.2	Posterior cerebral artery syndrome	Diagnosis	ICD-10-CM
G46.3	Brain stem stroke syndrome	Diagnosis	ICD-10-CM
G46.4	Cerebellar stroke syndrome	Diagnosis	ICD-10-CM
G46.5	Pure motor lacunar syndrome	Diagnosis	ICD-10-CM
G46.6	Pure sensory lacunar syndrome	Diagnosis	ICD-10-CM
G46.7	Other lacunar syndromes	Diagnosis	ICD-10-CM
G46.8	Other vascular syndromes of brain in cerebrovascular diseases	Diagnosis	ICD-10-CM
G97.31	Intraoperative hemorrhage and hematoma of a nervous system organ or structure complicating a nervous system procedure	Diagnosis	ICD-10-CM
G97.32	Intraoperative hemorrhage and hematoma of a nervous system organ or structure complicating other procedure	Diagnosis	ICD-10-CM
I60.00	Nontraumatic subarachnoid hemorrhage from unspecified carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I60.01	Nontraumatic subarachnoid hemorrhage from right carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I60.02	Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I60.10	Nontraumatic subarachnoid hemorrhage from unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I60.11	Nontraumatic subarachnoid hemorrhage from right middle cerebral artery	Diagnosis	ICD-10-CM
I60.12	Nontraumatic subarachnoid hemorrhage from left middle cerebral artery	Diagnosis	ICD-10-CM
I60.2	Nontraumatic subarachnoid hemorrhage from anterior communicating artery	Diagnosis	ICD-10-CM
I60.20	Nontraumatic subarachnoid hemorrhage from unspecified anterior communicating artery	Diagnosis	ICD-10-CM
I60.21	Nontraumatic subarachnoid hemorrhage from right anterior communicating artery	Diagnosis	ICD-10-CM
I60.22	Nontraumatic subarachnoid hemorrhage from left anterior communicating artery	Diagnosis	ICD-10-CM
I60.30	Nontraumatic subarachnoid hemorrhage from unspecified posterior communicating artery	Diagnosis	ICD-10-CM
I60.31	Nontraumatic subarachnoid hemorrhage from right posterior communicating artery	Diagnosis	ICD-10-CM
I60.32	Nontraumatic subarachnoid hemorrhage from left posterior communicating artery	Diagnosis	ICD-10-CM
I60.4	Nontraumatic subarachnoid hemorrhage from basilar artery	Diagnosis	ICD-10-CM
I60.50	Nontraumatic subarachnoid hemorrhage from unspecified vertebral artery	Diagnosis	ICD-10-CM
I60.51	Nontraumatic subarachnoid hemorrhage from right vertebral artery	Diagnosis	ICD-10-CM
I60.52	Nontraumatic subarachnoid hemorrhage from left vertebral artery	Diagnosis	ICD-10-CM
I60.6	Nontraumatic subarachnoid hemorrhage from other intracranial arteries	Diagnosis	ICD-10-CM
I60.7	Nontraumatic subarachnoid hemorrhage from unspecified intracranial artery	Diagnosis	ICD-10-CM
I60.8	Other nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I60.9	Nontraumatic subarachnoid hemorrhage, unspecified	Diagnosis	ICD-10-CM
I61.0	Nontraumatic intracerebral hemorrhage in hemisphere, subcortical	Diagnosis	ICD-10-CM
I61.1	Nontraumatic intracerebral hemorrhage in hemisphere, cortical	Diagnosis	ICD-10-CM
I61.2	Nontraumatic intracerebral hemorrhage in hemisphere, unspecified	Diagnosis	ICD-10-CM
I61.3	Nontraumatic intracerebral hemorrhage in brain stem	Diagnosis	ICD-10-CM
I61.4	Nontraumatic intracerebral hemorrhage in cerebellum	Diagnosis	ICD-10-CM

Neovascular (wet) age-related macular degeneration (nAMD)			
Code	Description	Code Category	Code Type
I61.5	Nontraumatic intracerebral hemorrhage, intraventricular	Diagnosis	ICD-10-CM
I61.6	Nontraumatic intracerebral hemorrhage, multiple localized	Diagnosis	ICD-10-CM
I61.8	Other nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I61.9	Nontraumatic intracerebral hemorrhage, unspecified	Diagnosis	ICD-10-CM
I62.00	Nontraumatic subdural hemorrhage, unspecified	Diagnosis	ICD-10-CM
I62.01	Nontraumatic acute subdural hemorrhage	Diagnosis	ICD-10-CM
I62.02	Nontraumatic subacute subdural hemorrhage	Diagnosis	ICD-10-CM
I62.9	Nontraumatic intracranial hemorrhage, unspecified	Diagnosis	ICD-10-CM
I63.00	Cerebral infarction due to thrombosis of unspecified precerebral artery	Diagnosis	ICD-10-CM
I63.011	Cerebral infarction due to thrombosis of right vertebral artery	Diagnosis	ICD-10-CM
I63.012	Cerebral infarction due to thrombosis of left vertebral artery	Diagnosis	ICD-10-CM
I63.013	Cerebral infarction due to thrombosis of bilateral vertebral arteries	Diagnosis	ICD-10-CM
I63.019	Cerebral infarction due to thrombosis of unspecified vertebral artery	Diagnosis	ICD-10-CM
I63.02	Cerebral infarction due to thrombosis of basilar artery	Diagnosis	ICD-10-CM
I63.031	Cerebral infarction due to thrombosis of right carotid artery	Diagnosis	ICD-10-CM
I63.032	Cerebral infarction due to thrombosis of left carotid artery	Diagnosis	ICD-10-CM
I63.033	Cerebral infarction due to thrombosis of bilateral carotid arteries	Diagnosis	ICD-10-CM
I63.039	Cerebral infarction due to thrombosis of unspecified carotid artery	Diagnosis	ICD-10-CM
I63.09	Cerebral infarction due to thrombosis of other precerebral artery	Diagnosis	ICD-10-CM
I63.10	Cerebral infarction due to embolism of unspecified precerebral artery	Diagnosis	ICD-10-CM
I63.111	Cerebral infarction due to embolism of right vertebral artery	Diagnosis	ICD-10-CM
I63.112	Cerebral infarction due to embolism of left vertebral artery	Diagnosis	ICD-10-CM
I63.113	Cerebral infarction due to embolism of bilateral vertebral arteries	Diagnosis	ICD-10-CM
I63.119	Cerebral infarction due to embolism of unspecified vertebral artery	Diagnosis	ICD-10-CM
I63.12	Cerebral infarction due to embolism of basilar artery	Diagnosis	ICD-10-CM
I63.131	Cerebral infarction due to embolism of right carotid artery	Diagnosis	ICD-10-CM
I63.132	Cerebral infarction due to embolism of left carotid artery	Diagnosis	ICD-10-CM
I63.133	Cerebral infarction due to embolism of bilateral carotid arteries	Diagnosis	ICD-10-CM
I63.139	Cerebral infarction due to embolism of unspecified carotid artery	Diagnosis	ICD-10-CM
I63.19	Cerebral infarction due to embolism of other precerebral artery	Diagnosis	ICD-10-CM
I63.20	Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral arteries	Diagnosis	ICD-10-CM
I63.211	Cerebral infarction due to unspecified occlusion or stenosis of right vertebral artery	Diagnosis	ICD-10-CM
I63.212	Cerebral infarction due to unspecified occlusion or stenosis of left vertebral artery	Diagnosis	ICD-10-CM
I63.213	Cerebral infarction due to unspecified occlusion or stenosis of bilateral vertebral arteries	Diagnosis	ICD-10-CM
I63.219	Cerebral infarction due to unspecified occlusion or stenosis of unspecified vertebral artery	Diagnosis	ICD-10-CM
I63.22	Cerebral infarction due to unspecified occlusion or stenosis of basilar artery	Diagnosis	ICD-10-CM
I63.231	Cerebral infarction due to unspecified occlusion or stenosis of right carotid arteries	Diagnosis	ICD-10-CM
I63.232	Cerebral infarction due to unspecified occlusion or stenosis of left carotid arteries	Diagnosis	ICD-10-CM
I63.233	Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid arteries	Diagnosis	ICD-10-CM
I63.239	Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid artery	Diagnosis	ICD-10-CM

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
I63.29	Cerebral infarction due to unspecified occlusion or stenosis of other precerebral arteries	Diagnosis	ICD-10-CM
I63.30	Cerebral infarction due to thrombosis of unspecified cerebral artery	Diagnosis	ICD-10-CM
I63.311	Cerebral infarction due to thrombosis of right middle cerebral artery	Diagnosis	ICD-10-CM
I63.312	Cerebral infarction due to thrombosis of left middle cerebral artery	Diagnosis	ICD-10-CM
I63.313	Cerebral infarction due to thrombosis of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I63.319	Cerebral infarction due to thrombosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I63.321	Cerebral infarction due to thrombosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
I63.322	Cerebral infarction due to thrombosis of left anterior cerebral artery	Diagnosis	ICD-10-CM
I63.323	Cerebral infarction due to thrombosis of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I63.329	Cerebral infarction due to thrombosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I63.331	Cerebral infarction due to thrombosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
I63.332	Cerebral infarction due to thrombosis of left posterior cerebral artery	Diagnosis	ICD-10-CM
I63.333	Cerebral infarction due to thrombosis of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I63.339	Cerebral infarction due to thrombosis of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I63.341	Cerebral infarction due to thrombosis of right cerebellar artery	Diagnosis	ICD-10-CM
I63.342	Cerebral infarction due to thrombosis of left cerebellar artery	Diagnosis	ICD-10-CM
I63.343	Cerebral infarction due to thrombosis of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
I63.349	Cerebral infarction due to thrombosis of unspecified cerebellar artery	Diagnosis	ICD-10-CM
I63.39	Cerebral infarction due to thrombosis of other cerebral artery	Diagnosis	ICD-10-CM
I63.40	Cerebral infarction due to embolism of unspecified cerebral artery	Diagnosis	ICD-10-CM
I63.411	Cerebral infarction due to embolism of right middle cerebral artery	Diagnosis	ICD-10-CM
I63.412	Cerebral infarction due to embolism of left middle cerebral artery	Diagnosis	ICD-10-CM
I63.413	Cerebral infarction due to embolism of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I63.419	Cerebral infarction due to embolism of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I63.421	Cerebral infarction due to embolism of right anterior cerebral artery	Diagnosis	ICD-10-CM
I63.422	Cerebral infarction due to embolism of left anterior cerebral artery	Diagnosis	ICD-10-CM
I63.423	Cerebral infarction due to embolism of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I63.429	Cerebral infarction due to embolism of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I63.431	Cerebral infarction due to embolism of right posterior cerebral artery	Diagnosis	ICD-10-CM
I63.432	Cerebral infarction due to embolism of left posterior cerebral artery	Diagnosis	ICD-10-CM
I63.433	Cerebral infarction due to embolism of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I63.439	Cerebral infarction due to embolism of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I63.441	Cerebral infarction due to embolism of right cerebellar artery	Diagnosis	ICD-10-CM
I63.442	Cerebral infarction due to embolism of left cerebellar artery	Diagnosis	ICD-10-CM
I63.443	Cerebral infarction due to embolism of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
I63.449	Cerebral infarction due to embolism of unspecified cerebellar artery	Diagnosis	ICD-10-CM
I63.49	Cerebral infarction due to embolism of other cerebral artery	Diagnosis	ICD-10-CM
I63.50	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebral artery	Diagnosis	ICD-10-CM
I63.511	Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery	Diagnosis	ICD-10-CM
I63.512	Cerebral infarction due to unspecified occlusion or stenosis of left middle cerebral artery	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Neovascular (wet) age-related macular degeneration (nAMD)			
Code	Description	Code Category	Code Type
I63.513	Cerebral infarction due to unspecified occlusion or stenosis of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I63.519	Cerebral infarction due to unspecified occlusion or stenosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I63.521	Cerebral infarction due to unspecified occlusion or stenosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
I63.522	Cerebral infarction due to unspecified occlusion or stenosis of left anterior cerebral artery	Diagnosis	ICD-10-CM
I63.523	Cerebral infarction due to unspecified occlusion or stenosis of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I63.529	Cerebral infarction due to unspecified occlusion or stenosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I63.531	Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
I63.532	Cerebral infarction due to unspecified occlusion or stenosis of left posterior cerebral artery	Diagnosis	ICD-10-CM
I63.533	Cerebral infarction due to unspecified occlusion or stenosis of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I63.539	Cerebral infarction due to unspecified occlusion or stenosis of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I63.541	Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery	Diagnosis	ICD-10-CM
I63.542	Cerebral infarction due to unspecified occlusion or stenosis of left cerebellar artery	Diagnosis	ICD-10-CM
I63.543	Cerebral infarction due to unspecified occlusion or stenosis of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
I63.549	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebellar artery	Diagnosis	ICD-10-CM
I63.59	Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery	Diagnosis	ICD-10-CM
I63.6	Cerebral infarction due to cerebral venous thrombosis, nonpyogenic	Diagnosis	ICD-10-CM
I63.8	Other cerebral infarction	Diagnosis	ICD-10-CM
I63.81	Other cerebral infarction due to occlusion or stenosis of small artery	Diagnosis	ICD-10-CM
I63.89	Other cerebral infarction	Diagnosis	ICD-10-CM
I63.9	Cerebral infarction, unspecified	Diagnosis	ICD-10-CM
I67.841	Reversible cerebrovascular vasoconstriction syndrome	Diagnosis	ICD-10-CM
I67.848	Other cerebrovascular vasospasm and vasoconstriction	Diagnosis	ICD-10-CM
I67.89	Other cerebrovascular disease	Diagnosis	ICD-10-CM
I97.810	Intraoperative cerebrovascular infarction during cardiac surgery	Diagnosis	ICD-10-CM
I97.811	Intraoperative cerebrovascular infarction during other surgery	Diagnosis	ICD-10-CM
I97.820	Postprocedural cerebrovascular infarction following cardiac surgery	Diagnosis	ICD-10-CM
I97.821	Postprocedural cerebrovascular infarction following other surgery	Diagnosis	ICD-10-CM
Ischemic Heart Disease			
I20.0	Unstable angina	Diagnosis	ICD-10-CM
I20.1	Angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I20.2	Refractory angina pectoris	Diagnosis	ICD-10-CM
I20.8	Other forms of angina pectoris	Diagnosis	ICD-10-CM
I20.81	Angina pectoris with coronary microvascular dysfunction	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Neovascular (wet) age-related macular degeneration (nAMD)			
Code	**Description**	**Code Category**	**Code Type**
I20.89	Other forms of angina pectoris	Diagnosis	ICD-10-CM
I24.0	Acute coronary thrombosis not resulting in myocardial infarction	Diagnosis	ICD-10-CM
I24.1	Dressler's syndrome	Diagnosis	ICD-10-CM
I24.8	Other forms of acute ischemic heart disease	Diagnosis	ICD-10-CM
I24.81	Acute coronary microvascular dysfunction	Diagnosis	ICD-10-CM
I24.89	Other forms of acute ischemic heart disease	Diagnosis	ICD-10-CM
I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris	Diagnosis	ICD-10-CM
I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.112	Atherosclerotic heart disease of native coronary artery with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.3	Aneurysm of heart	Diagnosis	ICD-10-CM
I25.41	Coronary artery aneurysm	Diagnosis	ICD-10-CM
I25.42	Coronary artery dissection	Diagnosis	ICD-10-CM
I25.5	Ischemic cardiomyopathy	Diagnosis	ICD-10-CM
I25.6	Silent myocardial ischemia	Diagnosis	ICD-10-CM
I25.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.702	Atherosclerosis of coronary artery bypass graft(s), unspecified, with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.712	Atherosclerosis of autologous vein coronary artery bypass graft(s) with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.722	Atherosclerosis of autologous artery coronary artery bypass graft(s) with refractory angina pectoris	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

	Neovascular (wet) age-related macular degeneration (nAMD)		
Code	Description	Code Category	Code Type
I25.728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.732	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM
I25.751	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.752	Atherosclerosis of native coronary artery of transplanted heart with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM
I25.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.762	Atherosclerosis of bypass graft of coronary artery of transplanted heart with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.791	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.792	Atherosclerosis of other coronary artery bypass graft(s) with refractory angina pectoris	Diagnosis	ICD-10-CM
I25.798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris	Diagnosis	ICD-10-CM
I25.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
I25.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris	Diagnosis	ICD-10-CM
I25.82	Chronic total occlusion of coronary artery	Diagnosis	ICD-10-CM
I25.83	Coronary atherosclerosis due to lipid rich plaque	Diagnosis	ICD-10-CM
I25.84	Coronary atherosclerosis due to calcified coronary lesion	Diagnosis	ICD-10-CM
I25.85	Chronic coronary microvascular dysfunction	Diagnosis	ICD-10-CM
I25.89	Other forms of chronic ischemic heart disease	Diagnosis	ICD-10-CM
I25.9	Chronic ischemic heart disease, unspecified	Diagnosis	ICD-10-CM
Hypertension			
H35.031	Hypertensive retinopathy, right eye	Diagnosis	ICD-10-CM
H35.032	Hypertensive retinopathy, left eye	Diagnosis	ICD-10-CM
H35.033	Hypertensive retinopathy, bilateral	Diagnosis	ICD-10-CM
H35.039	Hypertensive retinopathy, unspecified eye	Diagnosis	ICD-10-CM
I10	Essential (primary) hypertension	Diagnosis	ICD-10-CM
I11.0	Hypertensive heart disease with heart failure	Diagnosis	ICD-10-CM
I11.9	Hypertensive heart disease without heart failure	Diagnosis	ICD-10-CM
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	Diagnosis	ICD-10-CM
I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.10	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I15.0	Renovascular hypertension	Diagnosis	ICD-10-CM
I15.1	Hypertension secondary to other renal disorders	Diagnosis	ICD-10-CM
I15.2	Hypertension secondary to endocrine disorders	Diagnosis	ICD-10-CM
I15.8	Other secondary hypertension	Diagnosis	ICD-10-CM
I15.9	Secondary hypertension, unspecified	Diagnosis	ICD-10-CM
I1A.0	Resistant hypertension	Diagnosis	ICD-10-CM
I67.4	Hypertensive encephalopathy	Diagnosis	ICD-10-CM
N26.2	Page kidney	Diagnosis	ICD-10-CM
Heart Failure and Non-Ischemic Heart Disease			
I09.81	Rheumatic heart failure	Diagnosis	ICD-10-CM
I11.0	Hypertensive heart disease with heart failure	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I42.0	Dilated cardiomyopathy	Diagnosis	ICD-10-CM
I42.5	Other restrictive cardiomyopathy	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
I42.6	Alcoholic cardiomyopathy	Diagnosis	ICD-10-CM
I42.7	Cardiomyopathy due to drug and external agent	Diagnosis	ICD-10-CM
I42.8	Other cardiomyopathies	Diagnosis	ICD-10-CM
I43	Cardiomyopathy in diseases classified elsewhere	Diagnosis	ICD-10-CM
I50.1	Left ventricular failure, unspecified	Diagnosis	ICD-10-CM
I50.20	Unspecified systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.21	Acute systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.22	Chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.23	Acute on chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.30	Unspecified diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.31	Acute diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.32	Chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.33	Acute on chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.810	Right heart failure, unspecified	Diagnosis	ICD-10-CM
I50.811	Acute right heart failure	Diagnosis	ICD-10-CM
I50.812	Chronic right heart failure	Diagnosis	ICD-10-CM
I50.813	Acute on chronic right heart failure	Diagnosis	ICD-10-CM
I50.814	Right heart failure due to left heart failure	Diagnosis	ICD-10-CM
I50.82	Biventricular heart failure	Diagnosis	ICD-10-CM
I50.83	High output heart failure	Diagnosis	ICD-10-CM
I50.84	End stage heart failure	Diagnosis	ICD-10-CM
I50.89	Other heart failure	Diagnosis	ICD-10-CM
I50.9	Heart failure, unspecified	Diagnosis	ICD-10-CM
P29.0	Neonatal cardiac failure	Diagnosis	ICD-10-CM
Glaucoma			
H40.011	Open angle with borderline findings, low risk, right eye	Diagnosis	ICD-10-CM
H40.012	Open angle with borderline findings, low risk, left eye	Diagnosis	ICD-10-CM
H40.013	Open angle with borderline findings, low risk, bilateral	Diagnosis	ICD-10-CM
H40.019	Open angle with borderline findings, low risk, unspecified eye	Diagnosis	ICD-10-CM
H40.021	Open angle with borderline findings, high risk, right eye	Diagnosis	ICD-10-CM
H40.022	Open angle with borderline findings, high risk, left eye	Diagnosis	ICD-10-CM
H40.023	Open angle with borderline findings, high risk, bilateral	Diagnosis	ICD-10-CM
H40.029	Open angle with borderline findings, high risk, unspecified eye	Diagnosis	ICD-10-CM
H40.041	Steroid responder, right eye	Diagnosis	ICD-10-CM
H40.042	Steroid responder, left eye	Diagnosis	ICD-10-CM
H40.043	Steroid responder, bilateral	Diagnosis	ICD-10-CM
H40.049	Steroid responder, unspecified eye	Diagnosis	ICD-10-CM
H40.051	Ocular hypertension, right eye	Diagnosis	ICD-10-CM
H40.052	Ocular hypertension, left eye	Diagnosis	ICD-10-CM
H40.053	Ocular hypertension, bilateral	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
H40.059	Ocular hypertension, unspecified eye	Diagnosis	ICD-10-CM
H40.10X0	Unspecified open-angle glaucoma, stage unspecified	Diagnosis	ICD-10-CM
H40.10X1	Unspecified open-angle glaucoma, mild stage	Diagnosis	ICD-10-CM
H40.10X2	Unspecified open-angle glaucoma, moderate stage	Diagnosis	ICD-10-CM
H40.10X3	Unspecified open-angle glaucoma, severe stage	Diagnosis	ICD-10-CM
H40.10X4	Unspecified open-angle glaucoma, indeterminate stage	Diagnosis	ICD-10-CM
H40.1110	Primary open-angle glaucoma, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1111	Primary open-angle glaucoma, right eye, mild stage	Diagnosis	ICD-10-CM
H40.1112	Primary open-angle glaucoma, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.1113	Primary open-angle glaucoma, right eye, severe stage	Diagnosis	ICD-10-CM
H40.1114	Primary open-angle glaucoma, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1120	Primary open-angle glaucoma, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1121	Primary open-angle glaucoma, left eye, mild stage	Diagnosis	ICD-10-CM
H40.1122	Primary open-angle glaucoma, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.1123	Primary open-angle glaucoma, left eye, severe stage	Diagnosis	ICD-10-CM
H40.1124	Primary open-angle glaucoma, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1130	Primary open-angle glaucoma, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.1131	Primary open-angle glaucoma, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.1132	Primary open-angle glaucoma, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.1133	Primary open-angle glaucoma, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.1134	Primary open-angle glaucoma, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.1190	Primary open-angle glaucoma, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1191	Primary open-angle glaucoma, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.1192	Primary open-angle glaucoma, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.1193	Primary open-angle glaucoma, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.1194	Primary open-angle glaucoma, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.11X0	Primary open-angle glaucoma, stage unspecified	Diagnosis	ICD-10-CM
H40.11X1	Primary open-angle glaucoma, mild stage	Diagnosis	ICD-10-CM
H40.11X2	Primary open-angle glaucoma, moderate stage	Diagnosis	ICD-10-CM
H40.11X3	Primary open-angle glaucoma, severe stage	Diagnosis	ICD-10-CM
H40.11X4	Primary open-angle glaucoma, indeterminate stage	Diagnosis	ICD-10-CM
H40.1210	Low-tension glaucoma, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1211	Low-tension glaucoma, right eye, mild stage	Diagnosis	ICD-10-CM
H40.1212	Low-tension glaucoma, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.1213	Low-tension glaucoma, right eye, severe stage	Diagnosis	ICD-10-CM
H40.1214	Low-tension glaucoma, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1220	Low-tension glaucoma, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1221	Low-tension glaucoma, left eye, mild stage	Diagnosis	ICD-10-CM
H40.1222	Low-tension glaucoma, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.1223	Low-tension glaucoma, left eye, severe stage	Diagnosis	ICD-10-CM
H40.1224	Low-tension glaucoma, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1230	Low-tension glaucoma, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.1231	Low-tension glaucoma, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.1232	Low-tension glaucoma, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.1233	Low-tension glaucoma, bilateral, severe stage	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Neovascular (wet) age-related macular degeneration (nAMD)			
Code	**Description**	**Code Category**	**Code Type**
H40.1234	Low-tension glaucoma, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.1290	Low-tension glaucoma, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1291	Low-tension glaucoma, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.1292	Low-tension glaucoma, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.1293	Low-tension glaucoma, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.1294	Low-tension glaucoma, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1310	Pigmentary glaucoma, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1311	Pigmentary glaucoma, right eye, mild stage	Diagnosis	ICD-10-CM
H40.1312	Pigmentary glaucoma, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.1313	Pigmentary glaucoma, right eye, severe stage	Diagnosis	ICD-10-CM
H40.1314	Pigmentary glaucoma, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1320	Pigmentary glaucoma, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1321	Pigmentary glaucoma, left eye, mild stage	Diagnosis	ICD-10-CM
H40.1322	Pigmentary glaucoma, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.1323	Pigmentary glaucoma, left eye, severe stage	Diagnosis	ICD-10-CM
H40.1324	Pigmentary glaucoma, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1330	Pigmentary glaucoma, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.1331	Pigmentary glaucoma, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.1332	Pigmentary glaucoma, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.1333	Pigmentary glaucoma, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.1334	Pigmentary glaucoma, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.1390	Pigmentary glaucoma, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1391	Pigmentary glaucoma, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.1392	Pigmentary glaucoma, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.1393	Pigmentary glaucoma, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.1394	Pigmentary glaucoma, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1410	Capsular glaucoma with pseudoexfoliation of lens, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1411	Capsular glaucoma with pseudoexfoliation of lens, right eye, mild stage	Diagnosis	ICD-10-CM
H40.1412	Capsular glaucoma with pseudoexfoliation of lens, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.1413	Capsular glaucoma with pseudoexfoliation of lens, right eye, severe stage	Diagnosis	ICD-10-CM
H40.1414	Capsular glaucoma with pseudoexfoliation of lens, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1420	Capsular glaucoma with pseudoexfoliation of lens, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1421	Capsular glaucoma with pseudoexfoliation of lens, left eye, mild stage	Diagnosis	ICD-10-CM
H40.1422	Capsular glaucoma with pseudoexfoliation of lens, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.1423	Capsular glaucoma with pseudoexfoliation of lens, left eye, severe stage	Diagnosis	ICD-10-CM
H40.1424	Capsular glaucoma with pseudoexfoliation of lens, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1430	Capsular glaucoma with pseudoexfoliation of lens, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.1431	Capsular glaucoma with pseudoexfoliation of lens, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.1432	Capsular glaucoma with pseudoexfoliation of lens, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.1433	Capsular glaucoma with pseudoexfoliation of lens, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.1434	Capsular glaucoma with pseudoexfoliation of lens, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.1490	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1491	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.1492	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.1493	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, severe stage	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Neovascular (wet) age-related macular degeneration (nAMD)			
Code	**Description**	**Code Category**	**Code Type**
H40.1494	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.151	Residual stage of open-angle glaucoma, right eye	Diagnosis	ICD-10-CM
H40.152	Residual stage of open-angle glaucoma, left eye	Diagnosis	ICD-10-CM
H40.153	Residual stage of open-angle glaucoma, bilateral	Diagnosis	ICD-10-CM
H40.159	Residual stage of open-angle glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H40.20X0	Unspecified primary angle-closure glaucoma, stage unspecified	Diagnosis	ICD-10-CM
H40.20X1	Unspecified primary angle-closure glaucoma, mild stage	Diagnosis	ICD-10-CM
H40.20X2	Unspecified primary angle-closure glaucoma, moderate stage	Diagnosis	ICD-10-CM
H40.20X3	Unspecified primary angle-closure glaucoma, severe stage	Diagnosis	ICD-10-CM
H40.20X4	Unspecified primary angle-closure glaucoma, indeterminate stage	Diagnosis	ICD-10-CM
H40.211	Acute angle-closure glaucoma, right eye	Diagnosis	ICD-10-CM
H40.212	Acute angle-closure glaucoma, left eye	Diagnosis	ICD-10-CM
H40.213	Acute angle-closure glaucoma, bilateral	Diagnosis	ICD-10-CM
H40.219	Acute angle-closure glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H40.2210	Chronic angle-closure glaucoma, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.2211	Chronic angle-closure glaucoma, right eye, mild stage	Diagnosis	ICD-10-CM
H40.2212	Chronic angle-closure glaucoma, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.2213	Chronic angle-closure glaucoma, right eye, severe stage	Diagnosis	ICD-10-CM
H40.2214	Chronic angle-closure glaucoma, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.2220	Chronic angle-closure glaucoma, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.2221	Chronic angle-closure glaucoma, left eye, mild stage	Diagnosis	ICD-10-CM
H40.2222	Chronic angle-closure glaucoma, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.2223	Chronic angle-closure glaucoma, left eye, severe stage	Diagnosis	ICD-10-CM
H40.2224	Chronic angle-closure glaucoma, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.2230	Chronic angle-closure glaucoma, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.2231	Chronic angle-closure glaucoma, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.2232	Chronic angle-closure glaucoma, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.2233	Chronic angle-closure glaucoma, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.2234	Chronic angle-closure glaucoma, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.2290	Chronic angle-closure glaucoma, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.2291	Chronic angle-closure glaucoma, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.2292	Chronic angle-closure glaucoma, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.2293	Chronic angle-closure glaucoma, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.2294	Chronic angle-closure glaucoma, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.231	Intermittent angle-closure glaucoma, right eye	Diagnosis	ICD-10-CM
H40.232	Intermittent angle-closure glaucoma, left eye	Diagnosis	ICD-10-CM
H40.233	Intermittent angle-closure glaucoma, bilateral	Diagnosis	ICD-10-CM
H40.239	Intermittent angle-closure glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H40.241	Residual stage of angle-closure glaucoma, right eye	Diagnosis	ICD-10-CM
H40.242	Residual stage of angle-closure glaucoma, left eye	Diagnosis	ICD-10-CM
H40.243	Residual stage of angle-closure glaucoma, bilateral	Diagnosis	ICD-10-CM
H40.249	Residual stage of angle-closure glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H40.30X0	Glaucoma secondary to eye trauma, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.30X1	Glaucoma secondary to eye trauma, unspecified eye, mild stage	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

	Neovascular (wet) age-related macular degeneration (nAMD)		
Code	Description	Code Category	Code Type
H40.30X2	Glaucoma secondary to eye trauma, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.30X3	Glaucoma secondary to eye trauma, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.30X4	Glaucoma secondary to eye trauma, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.31X0	Glaucoma secondary to eye trauma, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.31X1	Glaucoma secondary to eye trauma, right eye, mild stage	Diagnosis	ICD-10-CM
H40.31X2	Glaucoma secondary to eye trauma, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.31X3	Glaucoma secondary to eye trauma, right eye, severe stage	Diagnosis	ICD-10-CM
H40.31X4	Glaucoma secondary to eye trauma, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.32X0	Glaucoma secondary to eye trauma, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.32X1	Glaucoma secondary to eye trauma, left eye, mild stage	Diagnosis	ICD-10-CM
H40.32X2	Glaucoma secondary to eye trauma, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.32X3	Glaucoma secondary to eye trauma, left eye, severe stage	Diagnosis	ICD-10-CM
H40.32X4	Glaucoma secondary to eye trauma, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.33X0	Glaucoma secondary to eye trauma, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.33X1	Glaucoma secondary to eye trauma, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.33X2	Glaucoma secondary to eye trauma, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.33X3	Glaucoma secondary to eye trauma, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.33X4	Glaucoma secondary to eye trauma, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.40X0	Glaucoma secondary to eye inflammation, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.40X1	Glaucoma secondary to eye inflammation, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.40X2	Glaucoma secondary to eye inflammation, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.40X3	Glaucoma secondary to eye inflammation, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.40X4	Glaucoma secondary to eye inflammation, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.41X0	Glaucoma secondary to eye inflammation, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.41X1	Glaucoma secondary to eye inflammation, right eye, mild stage	Diagnosis	ICD-10-CM
H40.41X2	Glaucoma secondary to eye inflammation, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.41X3	Glaucoma secondary to eye inflammation, right eye, severe stage	Diagnosis	ICD-10-CM
H40.41X4	Glaucoma secondary to eye inflammation, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.42X0	Glaucoma secondary to eye inflammation, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.42X1	Glaucoma secondary to eye inflammation, left eye, mild stage	Diagnosis	ICD-10-CM
H40.42X2	Glaucoma secondary to eye inflammation, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.42X3	Glaucoma secondary to eye inflammation, left eye, severe stage	Diagnosis	ICD-10-CM
H40.42X4	Glaucoma secondary to eye inflammation, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.43X0	Glaucoma secondary to eye inflammation, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.43X1	Glaucoma secondary to eye inflammation, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.43X2	Glaucoma secondary to eye inflammation, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.43X3	Glaucoma secondary to eye inflammation, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.43X4	Glaucoma secondary to eye inflammation, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.50X0	Glaucoma secondary to other eye disorders, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.50X1	Glaucoma secondary to other eye disorders, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.50X2	Glaucoma secondary to other eye disorders, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.50X3	Glaucoma secondary to other eye disorders, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.50X4	Glaucoma secondary to other eye disorders, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.51X0	Glaucoma secondary to other eye disorders, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.51X1	Glaucoma secondary to other eye disorders, right eye, mild stage	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
H40.51X2	Glaucoma secondary to other eye disorders, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.51X3	Glaucoma secondary to other eye disorders, right eye, severe stage	Diagnosis	ICD-10-CM
H40.51X4	Glaucoma secondary to other eye disorders, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.52X0	Glaucoma secondary to other eye disorders, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.52X1	Glaucoma secondary to other eye disorders, left eye, mild stage	Diagnosis	ICD-10-CM
H40.52X2	Glaucoma secondary to other eye disorders, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.52X3	Glaucoma secondary to other eye disorders, left eye, severe stage	Diagnosis	ICD-10-CM
H40.52X4	Glaucoma secondary to other eye disorders, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.53X0	Glaucoma secondary to other eye disorders, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.53X1	Glaucoma secondary to other eye disorders, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.53X2	Glaucoma secondary to other eye disorders, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.53X3	Glaucoma secondary to other eye disorders, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.53X4	Glaucoma secondary to other eye disorders, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.60X0	Glaucoma secondary to drugs, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.60X1	Glaucoma secondary to drugs, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.60X2	Glaucoma secondary to drugs, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.60X3	Glaucoma secondary to drugs, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.60X4	Glaucoma secondary to drugs, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.61X0	Glaucoma secondary to drugs, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.61X1	Glaucoma secondary to drugs, right eye, mild stage	Diagnosis	ICD-10-CM
H40.61X2	Glaucoma secondary to drugs, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.61X3	Glaucoma secondary to drugs, right eye, severe stage	Diagnosis	ICD-10-CM
H40.61X4	Glaucoma secondary to drugs, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.62X0	Glaucoma secondary to drugs, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.62X1	Glaucoma secondary to drugs, left eye, mild stage	Diagnosis	ICD-10-CM
H40.62X2	Glaucoma secondary to drugs, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.62X3	Glaucoma secondary to drugs, left eye, severe stage	Diagnosis	ICD-10-CM
H40.62X4	Glaucoma secondary to drugs, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.63X0	Glaucoma secondary to drugs, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.63X1	Glaucoma secondary to drugs, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.63X2	Glaucoma secondary to drugs, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.63X3	Glaucoma secondary to drugs, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.63X4	Glaucoma secondary to drugs, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.811	Glaucoma with increased episcleral venous pressure, right eye	Diagnosis	ICD-10-CM
H40.812	Glaucoma with increased episcleral venous pressure, left eye	Diagnosis	ICD-10-CM
H40.813	Glaucoma with increased episcleral venous pressure, bilateral	Diagnosis	ICD-10-CM
H40.819	Glaucoma with increased episcleral venous pressure, unspecified eye	Diagnosis	ICD-10-CM
H40.821	Hypersecretion glaucoma, right eye	Diagnosis	ICD-10-CM
H40.822	Hypersecretion glaucoma, left eye	Diagnosis	ICD-10-CM
H40.823	Hypersecretion glaucoma, bilateral	Diagnosis	ICD-10-CM
H40.829	Hypersecretion glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H40.831	Aqueous misdirection, right eye	Diagnosis	ICD-10-CM
H40.832	Aqueous misdirection, left eye	Diagnosis	ICD-10-CM
H40.833	Aqueous misdirection, bilateral	Diagnosis	ICD-10-CM
H40.839	Aqueous misdirection, unspecified eye	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Neovascular (wet) age-related macular degeneration (nAMD)			
Code	Description	Code Category	Code Type
H40.89	Other specified glaucoma	Diagnosis	ICD-10-CM
H40.9	Unspecified glaucoma	Diagnosis	ICD-10-CM
H42	Glaucoma in diseases classified elsewhere	Diagnosis	ICD-10-CM
H44.511	Absolute glaucoma, right eye	Diagnosis	ICD-10-CM
H44.512	Absolute glaucoma, left eye	Diagnosis	ICD-10-CM
H44.513	Absolute glaucoma, bilateral	Diagnosis	ICD-10-CM
H44.519	Absolute glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H47.231	Glaucomatous optic atrophy, right eye	Diagnosis	ICD-10-CM
H47.232	Glaucomatous optic atrophy, left eye	Diagnosis	ICD-10-CM
H47.233	Glaucomatous optic atrophy, bilateral	Diagnosis	ICD-10-CM
H47.239	Glaucomatous optic atrophy, unspecified eye	Diagnosis	ICD-10-CM
Q15.0	Congenital glaucoma	Diagnosis	ICD-10-CM
Diabetes			
E08.00	Diabetes mellitus due to underlying condition with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E08.01	Diabetes mellitus due to underlying condition with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E08.10	Diabetes mellitus due to underlying condition with ketoacidosis without coma	Diagnosis	ICD-10-CM
E08.11	Diabetes mellitus due to underlying condition with ketoacidosis with coma	Diagnosis	ICD-10-CM
E08.21	Diabetes mellitus due to underlying condition with diabetic nephropathy	Diagnosis	ICD-10-CM
E08.22	Diabetes mellitus due to underlying condition with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E08.29	Diabetes mellitus due to underlying condition with other diabetic kidney complication	Diagnosis	ICD-10-CM
E08.311	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.319	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.321	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3211	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E08.3212	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3213	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3219	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.329	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.3291	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3292	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E08.3293	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3299	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Neovascular (wet) age-related macular degeneration (nAMD)			
Code	**Description**	**Code Category**	**Code Type**
E08.331	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3311	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E08.3312	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3313	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3319	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.339	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.3391	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3392	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E08.3393	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3399	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.341	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3411	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E08.3412	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3413	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3419	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.349	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.3491	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3492	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E08.3493	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3499	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.351	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3511	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM

Neovascular (wet) age-related macular degeneration (nAMD)			
Code	**Description**	**Code Category**	**Code Type**
E08.3512	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3513	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3519	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.3521	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E08.3522	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E08.3523	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E08.3529	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E08.3531	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E08.3532	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E08.3533	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E08.3539	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E08.3541	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E08.3542	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E08.3543	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E08.3549	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E08.3551	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E08.3552	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E08.3553	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E08.3559	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E08.359	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
E08.3591	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3592	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E08.3593	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3599	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.36	Diabetes mellitus due to underlying condition with diabetic cataract	Diagnosis	ICD-10-CM
E08.37X1	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E08.37X2	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E08.37X3	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E08.37X9	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E08.39	Diabetes mellitus due to underlying condition with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E08.40	Diabetes mellitus due to underlying condition with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E08.41	Diabetes mellitus due to underlying condition with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E08.42	Diabetes mellitus due to underlying condition with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E08.43	Diabetes mellitus due to underlying condition with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E08.44	Diabetes mellitus due to underlying condition with diabetic amyotrophy	Diagnosis	ICD-10-CM
E08.49	Diabetes mellitus due to underlying condition with other diabetic neurological complication	Diagnosis	ICD-10-CM
E08.51	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E08.52	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E08.59	Diabetes mellitus due to underlying condition with other circulatory complications	Diagnosis	ICD-10-CM
E08.610	Diabetes mellitus due to underlying condition with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E08.618	Diabetes mellitus due to underlying condition with other diabetic arthropathy	Diagnosis	ICD-10-CM
E08.620	Diabetes mellitus due to underlying condition with diabetic dermatitis	Diagnosis	ICD-10-CM
E08.621	Diabetes mellitus due to underlying condition with foot ulcer	Diagnosis	ICD-10-CM
E08.622	Diabetes mellitus due to underlying condition with other skin ulcer	Diagnosis	ICD-10-CM
E08.628	Diabetes mellitus due to underlying condition with other skin complications	Diagnosis	ICD-10-CM
E08.630	Diabetes mellitus due to underlying condition with periodontal disease	Diagnosis	ICD-10-CM
E08.638	Diabetes mellitus due to underlying condition with other oral complications	Diagnosis	ICD-10-CM
E08.641	Diabetes mellitus due to underlying condition with hypoglycemia with coma	Diagnosis	ICD-10-CM
E08.649	Diabetes mellitus due to underlying condition with hypoglycemia without coma	Diagnosis	ICD-10-CM
E08.65	Diabetes mellitus due to underlying condition with hyperglycemia	Diagnosis	ICD-10-CM
E08.69	Diabetes mellitus due to underlying condition with other specified complication	Diagnosis	ICD-10-CM
E08.8	Diabetes mellitus due to underlying condition with unspecified complications	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Neovascular (wet) age-related macular degeneration (nAMD)			
Code	Description	Code Category	Code Type
E08.9	Diabetes mellitus due to underlying condition without complications	Diagnosis	ICD-10-CM
E09.00	Drug or chemical induced diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E09.01	Drug or chemical induced diabetes mellitus with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E09.10	Drug or chemical induced diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E09.11	Drug or chemical induced diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E09.21	Drug or chemical induced diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E09.22	Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E09.29	Drug or chemical induced diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E09.311	Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.319	Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.321	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.3211	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E09.3212	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3213	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3219	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.329	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.3291	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3292	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E09.3293	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3299	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.331	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.3311	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E09.3312	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3313	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3319	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.339	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
E09.3391	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3392	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E09.3393	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3399	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.341	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.3411	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E09.3412	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3413	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3419	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.349	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.3491	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3492	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E09.3493	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3499	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.351	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.3511	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E09.3512	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3513	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3519	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.3521	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E09.3522	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E09.3523	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM

	Neovascular (wet) age-related macular degeneration (nAMD)		
Code	Description	Code Category	Code Type
E09.3529	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E09.3531	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E09.3532	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E09.3533	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E09.3539	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E09.3541	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E09.3542	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E09.3543	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E09.3549	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E09.3551	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E09.3552	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E09.3553	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E09.3559	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E09.359	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.3591	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3592	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E09.3593	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3599	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.36	Drug or chemical induced diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E09.37X1	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E09.37X2	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM

Neovascular (wet) age-related macular degeneration (nAMD)			
Code	Description	Code Category	Code Type
E09.37X3	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E09.37X9	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E09.39	Drug or chemical induced diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E09.40	Drug or chemical induced diabetes mellitus with neurological complications with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E09.41	Drug or chemical induced diabetes mellitus with neurological complications with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E09.42	Drug or chemical induced diabetes mellitus with neurological complications with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E09.43	Drug or chemical induced diabetes mellitus with neurological complications with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E09.44	Drug or chemical induced diabetes mellitus with neurological complications with diabetic amyotrophy	Diagnosis	ICD-10-CM
E09.49	Drug or chemical induced diabetes mellitus with neurological complications with other diabetic neurological complication	Diagnosis	ICD-10-CM
E09.51	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E09.52	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E09.59	Drug or chemical induced diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E09.610	Drug or chemical induced diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E09.618	Drug or chemical induced diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E09.620	Drug or chemical induced diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E09.621	Drug or chemical induced diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E09.622	Drug or chemical induced diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E09.628	Drug or chemical induced diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E09.630	Drug or chemical induced diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E09.638	Drug or chemical induced diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E09.641	Drug or chemical induced diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E09.649	Drug or chemical induced diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E09.65	Drug or chemical induced diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E09.69	Drug or chemical induced diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E09.8	Drug or chemical induced diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E09.9	Drug or chemical induced diabetes mellitus without complications	Diagnosis	ICD-10-CM
E10.10	Type 1 diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E10.11	Type 1 diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E10.311	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.319	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
E10.321	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3211	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3212	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3213	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3219	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.329	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3291	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3292	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3293	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3299	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.331	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3311	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3312	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3313	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3319	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.339	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3391	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3392	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3393	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3399	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.341	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3411	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
E10.3412	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3413	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3419	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.349	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3491	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3492	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3493	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3499	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.351	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3511	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3512	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3513	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3519	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.3521	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E10.3522	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E10.3523	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E10.3529	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E10.3531	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E10.3532	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E10.3533	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E10.3539	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E10.3541	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E10.3542	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

	Neovascular (wet) age-related macular degeneration (nAMD)		
Code	**Description**	**Code Category**	**Code Type**
E10.3543	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E10.3549	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E10.3551	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E10.3552	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E10.3553	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E10.3559	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E10.359	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3591	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3592	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3593	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3599	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.36	Type 1 diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E10.37X1	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E10.37X2	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E10.37X3	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E10.37X9	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E10.39	Type 1 diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E10.40	Type 1 diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E10.41	Type 1 diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E10.42	Type 1 diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E10.43	Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E10.44	Type 1 diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM
E10.49	Type 1 diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM
E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E10.52	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E10.59	Type 1 diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E10.610	Type 1 diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E10.618	Type 1 diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E10.620	Type 1 diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E10.621	Type 1 diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E10.622	Type 1 diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E10.628	Type 1 diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E10.630	Type 1 diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E10.638	Type 1 diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM

Neovascular (wet) age-related macular degeneration (nAMD)			
Code	Description	Code Category	Code Type
E10.641	Type 1 diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E10.649	Type 1 diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E10.65	Type 1 diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E10.69	Type 1 diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E10.8	Type 1 diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E10.9	Type 1 diabetes mellitus without complications	Diagnosis	ICD-10-CM
E11.00	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E11.01	Type 2 diabetes mellitus with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E11.10	Type 2 diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E11.11	Type 2 diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E11.311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.319	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.321	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3211	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3212	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3213	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3219	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.329	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3291	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3292	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3293	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3299	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.331	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3311	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3312	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3313	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
E11.3319	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.339	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3391	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3392	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3399	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.341	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3411	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3412	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3413	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3419	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.349	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3491	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3492	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3493	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3499	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.351	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3511	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3512	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3513	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3519	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.3521	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E11.3522	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
E11.3523	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E11.3529	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E11.3531	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E11.3532	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E11.3533	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E11.3539	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E11.3541	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E11.3542	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E11.3543	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E11.3549	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E11.3551	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E11.3552	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E11.3553	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E11.3559	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E11.359	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3591	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3592	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3593	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3599	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.36	Type 2 diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E11.37X1	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E11.37X2	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E11.37X3	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E11.37X9	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
E11.41	Type 2 diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E11.42	Type 2 diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E11.43	Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E11.44	Type 2 diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM
E11.49	Type 2 diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E11.59	Type 2 diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E11.610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E11.618	Type 2 diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E11.620	Type 2 diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E11.621	Type 2 diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E11.622	Type 2 diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E11.628	Type 2 diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E11.630	Type 2 diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E11.638	Type 2 diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E11.641	Type 2 diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E11.649	Type 2 diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E11.65	Type 2 diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E11.69	Type 2 diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E11.8	Type 2 diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E11.9	Type 2 diabetes mellitus without complications	Diagnosis	ICD-10-CM
E13.00	Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E13.01	Other specified diabetes mellitus with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E13.10	Other specified diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E13.11	Other specified diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E13.21	Other specified diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E13.29	Other specified diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E13.311	Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.319	Other specified diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.321	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3211	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3212	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3213	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3219	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
E13.329	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3291	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3292	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3293	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3299	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.331	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3311	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3312	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3313	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3319	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.339	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3391	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3392	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3393	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3399	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.341	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3411	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3412	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3413	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3419	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.349	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3491	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

	Neovascular (wet) age-related macular degeneration (nAMD)		
Code	**Description**	**Code Category**	**Code Type**
E13.3492	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3493	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3499	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.351	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3511	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3512	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3513	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3519	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.3521	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E13.3522	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E13.3523	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E13.3529	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E13.3531	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E13.3532	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E13.3533	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E13.3539	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E13.3541	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E13.3542	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E13.3543	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E13.3549	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
E13.3551	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E13.3552	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E13.3553	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E13.3559	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E13.359	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3591	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3592	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3593	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3599	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.36	Other specified diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E13.39	Other specified diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E13.40	Other specified diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E13.41	Other specified diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E13.42	Other specified diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E13.43	Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E13.44	Other specified diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM
E13.49	Other specified diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM
E13.51	Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E13.52	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E13.59	Other specified diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E13.610	Other specified diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E13.618	Other specified diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E13.620	Other specified diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E13.621	Other specified diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E13.622	Other specified diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E13.628	Other specified diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E13.630	Other specified diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E13.638	Other specified diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E13.641	Other specified diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E13.649	Other specified diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E13.65	Other specified diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E13.69	Other specified diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E13.8	Other specified diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E13.9	Other specified diabetes mellitus without complications	Diagnosis	ICD-10-CM
Cataracts			

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
E08.36	Diabetes mellitus due to underlying condition with diabetic cataract	Diagnosis	ICD-10-CM
E09.36	Drug or chemical induced diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E10.36	Type 1 diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E11.36	Type 2 diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E13.36	Other specified diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
H25.011	Cortical age-related cataract, right eye	Diagnosis	ICD-10-CM
H25.012	Cortical age-related cataract, left eye	Diagnosis	ICD-10-CM
H25.013	Cortical age-related cataract, bilateral	Diagnosis	ICD-10-CM
H25.019	Cortical age-related cataract, unspecified eye	Diagnosis	ICD-10-CM
H25.031	Anterior subcapsular polar age-related cataract, right eye	Diagnosis	ICD-10-CM
H25.032	Anterior subcapsular polar age-related cataract, left eye	Diagnosis	ICD-10-CM
H25.033	Anterior subcapsular polar age-related cataract, bilateral	Diagnosis	ICD-10-CM
H25.039	Anterior subcapsular polar age-related cataract, unspecified eye	Diagnosis	ICD-10-CM
H25.041	Posterior subcapsular polar age-related cataract, right eye	Diagnosis	ICD-10-CM
H25.042	Posterior subcapsular polar age-related cataract, left eye	Diagnosis	ICD-10-CM
H25.043	Posterior subcapsular polar age-related cataract, bilateral	Diagnosis	ICD-10-CM
H25.049	Posterior subcapsular polar age-related cataract, unspecified eye	Diagnosis	ICD-10-CM
H25.091	Other age-related incipient cataract, right eye	Diagnosis	ICD-10-CM
H25.092	Other age-related incipient cataract, left eye	Diagnosis	ICD-10-CM
H25.093	Other age-related incipient cataract, bilateral	Diagnosis	ICD-10-CM
H25.099	Other age-related incipient cataract, unspecified eye	Diagnosis	ICD-10-CM
H25.10	Age-related nuclear cataract, unspecified eye	Diagnosis	ICD-10-CM
H25.11	Age-related nuclear cataract, right eye	Diagnosis	ICD-10-CM
H25.12	Age-related nuclear cataract, left eye	Diagnosis	ICD-10-CM
H25.13	Age-related nuclear cataract, bilateral	Diagnosis	ICD-10-CM
H25.20	Age-related cataract, morgagnian type, unspecified eye	Diagnosis	ICD-10-CM
H25.21	Age-related cataract, morgagnian type, right eye	Diagnosis	ICD-10-CM
H25.22	Age-related cataract, morgagnian type, left eye	Diagnosis	ICD-10-CM
H25.23	Age-related cataract, morgagnian type, bilateral	Diagnosis	ICD-10-CM
H25.811	Combined forms of age-related cataract, right eye	Diagnosis	ICD-10-CM
H25.812	Combined forms of age-related cataract, left eye	Diagnosis	ICD-10-CM
H25.813	Combined forms of age-related cataract, bilateral	Diagnosis	ICD-10-CM
H25.819	Combined forms of age-related cataract, unspecified eye	Diagnosis	ICD-10-CM
H25.89	Other age-related cataract	Diagnosis	ICD-10-CM
H25.9	Unspecified age-related cataract	Diagnosis	ICD-10-CM
H26.001	Unspecified infantile and juvenile cataract, right eye	Diagnosis	ICD-10-CM
H26.002	Unspecified infantile and juvenile cataract, left eye	Diagnosis	ICD-10-CM
H26.003	Unspecified infantile and juvenile cataract, bilateral	Diagnosis	ICD-10-CM
H26.009	Unspecified infantile and juvenile cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.011	Infantile and juvenile cortical, lamellar, or zonular cataract, right eye	Diagnosis	ICD-10-CM
H26.012	Infantile and juvenile cortical, lamellar, or zonular cataract, left eye	Diagnosis	ICD-10-CM
H26.013	Infantile and juvenile cortical, lamellar, or zonular cataract, bilateral	Diagnosis	ICD-10-CM
H26.019	Infantile and juvenile cortical, lamellar, or zonular cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.031	Infantile and juvenile nuclear cataract, right eye	Diagnosis	ICD-10-CM
H26.032	Infantile and juvenile nuclear cataract, left eye	Diagnosis	ICD-10-CM

Neovascular (wet) age-related macular degeneration (nAMD)			
Code	**Description**	**Code Category**	**Code Type**
H26.033	Infantile and juvenile nuclear cataract, bilateral	Diagnosis	ICD-10-CM
H26.039	Infantile and juvenile nuclear cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.041	Anterior subcapsular polar infantile and juvenile cataract, right eye	Diagnosis	ICD-10-CM
H26.042	Anterior subcapsular polar infantile and juvenile cataract, left eye	Diagnosis	ICD-10-CM
H26.043	Anterior subcapsular polar infantile and juvenile cataract, bilateral	Diagnosis	ICD-10-CM
H26.049	Anterior subcapsular polar infantile and juvenile cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.051	Posterior subcapsular polar infantile and juvenile cataract, right eye	Diagnosis	ICD-10-CM
H26.052	Posterior subcapsular polar infantile and juvenile cataract, left eye	Diagnosis	ICD-10-CM
H26.053	Posterior subcapsular polar infantile and juvenile cataract, bilateral	Diagnosis	ICD-10-CM
H26.059	Posterior subcapsular polar infantile and juvenile cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.061	Combined forms of infantile and juvenile cataract, right eye	Diagnosis	ICD-10-CM
H26.062	Combined forms of infantile and juvenile cataract, left eye	Diagnosis	ICD-10-CM
H26.063	Combined forms of infantile and juvenile cataract, bilateral	Diagnosis	ICD-10-CM
H26.069	Combined forms of infantile and juvenile cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.09	Other infantile and juvenile cataract	Diagnosis	ICD-10-CM
H26.101	Unspecified traumatic cataract, right eye	Diagnosis	ICD-10-CM
H26.102	Unspecified traumatic cataract, left eye	Diagnosis	ICD-10-CM
H26.103	Unspecified traumatic cataract, bilateral	Diagnosis	ICD-10-CM
H26.109	Unspecified traumatic cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.111	Localized traumatic opacities, right eye	Diagnosis	ICD-10-CM
H26.112	Localized traumatic opacities, left eye	Diagnosis	ICD-10-CM
H26.113	Localized traumatic opacities, bilateral	Diagnosis	ICD-10-CM
H26.119	Localized traumatic opacities, unspecified eye	Diagnosis	ICD-10-CM
H26.121	Partially resolved traumatic cataract, right eye	Diagnosis	ICD-10-CM
H26.122	Partially resolved traumatic cataract, left eye	Diagnosis	ICD-10-CM
H26.123	Partially resolved traumatic cataract, bilateral	Diagnosis	ICD-10-CM
H26.129	Partially resolved traumatic cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.131	Total traumatic cataract, right eye	Diagnosis	ICD-10-CM
H26.132	Total traumatic cataract, left eye	Diagnosis	ICD-10-CM
H26.133	Total traumatic cataract, bilateral	Diagnosis	ICD-10-CM
H26.139	Total traumatic cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.20	Unspecified complicated cataract	Diagnosis	ICD-10-CM
H26.211	Cataract with neovascularization, right eye	Diagnosis	ICD-10-CM
H26.212	Cataract with neovascularization, left eye	Diagnosis	ICD-10-CM
H26.213	Cataract with neovascularization, bilateral	Diagnosis	ICD-10-CM
H26.219	Cataract with neovascularization, unspecified eye	Diagnosis	ICD-10-CM
H26.221	Cataract secondary to ocular disorders (degenerative) (inflammatory), right eye	Diagnosis	ICD-10-CM
H26.222	Cataract secondary to ocular disorders (degenerative) (inflammatory), left eye	Diagnosis	ICD-10-CM
H26.223	Cataract secondary to ocular disorders (degenerative) (inflammatory), bilateral	Diagnosis	ICD-10-CM
H26.229	Cataract secondary to ocular disorders (degenerative) (inflammatory), unspecified eye	Diagnosis	ICD-10-CM
H26.30	Drug-induced cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.31	Drug-induced cataract, right eye	Diagnosis	ICD-10-CM
H26.32	Drug-induced cataract, left eye	Diagnosis	ICD-10-CM
H26.33	Drug-induced cataract, bilateral	Diagnosis	ICD-10-CM
H26.40	Unspecified secondary cataract	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Neovascular (wet) age-related macular degeneration (nAMD)			
H26.411	Soemmering's ring, right eye	Diagnosis	ICD-10-CM
H26.412	Soemmering's ring, left eye	Diagnosis	ICD-10-CM
H26.413	Soemmering's ring, bilateral	Diagnosis	ICD-10-CM
H26.419	Soemmering's ring, unspecified eye	Diagnosis	ICD-10-CM
H26.491	Other secondary cataract, right eye	Diagnosis	ICD-10-CM
H26.492	Other secondary cataract, left eye	Diagnosis	ICD-10-CM
H26.493	Other secondary cataract, bilateral	Diagnosis	ICD-10-CM
H26.499	Other secondary cataract, unspecified eye	Diagnosis	ICD-10-CM
H26.8	Other specified cataract	Diagnosis	ICD-10-CM
H26.9	Unspecified cataract	Diagnosis	ICD-10-CM
Q12.0	Congenital cataract	Diagnosis	ICD-10-CM
Benign prostatic hyperplasia Exclusion Codes			
D29.1	Benign neoplasm of prostate	Diagnosis	ICD-10-CM
Benign prostatic hyperplasia Inclusion Codes			
N40.0	Benign prostatic hyperplasia without lower urinary tract symptoms	Diagnosis	ICD-10-CM
N40.1	Benign prostatic hyperplasia with lower urinary tract symptoms	Diagnosis	ICD-10-CM
N40.2	Nodular prostate without lower urinary tract symptoms	Diagnosis	ICD-10-CM
N40.3	Nodular prostate with lower urinary tract symptoms	Diagnosis	ICD-10-CM
Atrial Fibrillation			
I48.0	Paroxysmal atrial fibrillation	Diagnosis	ICD-10-CM
I48.1	Persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.11	Longstanding persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.19	Other persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.2	Chronic atrial fibrillation	Diagnosis	ICD-10-CM
I48.20	Chronic atrial fibrillation, unspecified	Diagnosis	ICD-10-CM
I48.21	Permanent atrial fibrillation	Diagnosis	ICD-10-CM
I48.3	Typical atrial flutter	Diagnosis	ICD-10-CM
I48.4	Atypical atrial flutter	Diagnosis	ICD-10-CM
I48.91	Unspecified atrial fibrillation	Diagnosis	ICD-10-CM
Acute Myocardial Infarction			
I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery	Diagnosis	ICD-10-CM
I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery	Diagnosis	ICD-10-CM
I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall	Diagnosis	ICD-10-CM
I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery	Diagnosis	ICD-10-CM
I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall	Diagnosis	ICD-10-CM
I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery	Diagnosis	ICD-10-CM
I21.29	ST elevation (STEMI) myocardial infarction involving other sites	Diagnosis	ICD-10-CM
I21.3	ST elevation (STEMI) myocardial infarction of unspecified site	Diagnosis	ICD-10-CM
I21.4	Non-ST elevation (NSTEMI) myocardial infarction	Diagnosis	ICD-10-CM
I21.9	Acute myocardial infarction, unspecified	Diagnosis	ICD-10-CM
I21.A1	Myocardial infarction type 2	Diagnosis	ICD-10-CM
I21.A9	Other myocardial infarction type	Diagnosis	ICD-10-CM

Appendix E. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Baseline Characteristics in this Request

Neovascular (wet) age-related macular degeneration (nAMD)			
Code	**Description**	**Code Category**	**Code Type**
I21.B	Myocardial infarction with coronary microvascular dysfunction	Diagnosis	ICD-10-CM
I22.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall	Diagnosis	ICD-10-CM
I22.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall	Diagnosis	ICD-10-CM
I22.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction	Diagnosis	ICD-10-CM
I22.8	Subsequent ST elevation (STEMI) myocardial infarction of other sites	Diagnosis	ICD-10-CM
I22.9	Subsequent ST elevation (STEMI) myocardial infarction of unspecified site	Diagnosis	ICD-10-CM
I23.0	Hemopericardium as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.1	Atrial septal defect as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.2	Ventricular septal defect as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.3	Rupture of cardiac wall without hemopericardium as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.4	Rupture of chordae tendineae as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.5	Rupture of papillary muscle as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.7	Postinfarction angina	Diagnosis	ICD-10-CM
I23.8	Other current complications following acute myocardial infarction	Diagnosis	ICD-10-CM

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

Generic Name	Brand Name
Prior Use of Any Intravitreal Anti-VEGF Treatment	
aflibercept	Eylea
aflibercept	Eylea HD
aflibercept-ayyh	Pavblu
bevacizumab	bevacizumab
brolucizumab-dbll	Beovu
ocular implant with insertion tool for ranibizumab	Susvimo Implant and ins. tool
ranibizumab	Susvimo
ranibizumab	Lucentis
ranibizumab-eqrn	Cimerli
ranibizumab-nuna	Byooviz
ranibizumab/needle, initial fill, filter	Susvimo (initial fill)
Prior Use of Aflibercept	
aflibercept	Eylea
aflibercept	Eylea HD
aflibercept-ayyh	Pavblu
Prior Use of Bevacizumab	
bevacizumab	bevacizumab
Prior Use of Ranibizumab	
ocular implant with insertion tool for ranibizumab	Susvimo Implant and ins. tool
ranibizumab	Susvimo
ranibizumab	Lucentis
ranibizumab-eqrn	Cimerli
ranibizumab-nuna	Byooviz
ranibizumab/needle, initial fill, filter	Susvimo (initial fill)
Prior Use of Brolucizumab	
brolucizumab-dbll	Beovu

Appendix G. List of Healthcare Common Procedure Coding System, Level II (HCPCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Prior Use of Any Intravitreal Anti-VEGF Treatment			
C9093	Injection, ranibizumab, via sustained release intravitreal implant (Susvimo), 0.1 mg	Procedure	HCPCS
C9161	Injection, aflibercept HD, 1 mg	Procedure	HCPCS
C9233	Injection, ranibizumab, 0.5 mg	Procedure	HCPCS
C9257	Injection, bevacizumab, 0.25 mg	Procedure	HCPCS
C9291	Injection, aflibercept, 2 mg vial	Procedure	HCPCS
J0177	Injection, aflibercept HD, 1 mg	Procedure	HCPCS
J0178	Injection, aflibercept, 1 mg	Procedure	HCPCS
J0179	Injection, brolucizumab-dbll, 1 mg	Procedure	HCPCS
J2778	Injection, ranibizumab, 0.1 mg	Procedure	HCPCS
J2779	Injection, ranibizumab, via intravitreal implant (Susvimo), 0.1 mg	Procedure	HCPCS
Q2024	Injection, bevacizumab, 0.25 mg	Procedure	HCPCS
Q2046	Injection, aflibercept, 1 mg	Procedure	HCPCS
Q5124	Injection, ranibizumab-nuna, biosimilar, (Byooviz), 0.1 mg	Procedure	HCPCS
Q5128	Injection, ranibizumab-eqrn (Cimerli), biosimilar, 0.1 mg	Procedure	HCPCS
Prior Use of Afibercept			
C9161	Injection, aflibercept HD, 1 mg	Procedure	HCPCS
C9291	Injection, aflibercept, 2 mg vial	Procedure	HCPCS
J0177	Injection, aflibercept HD, 1 mg	Procedure	HCPCS
J0178	Injection, aflibercept, 1 mg	Procedure	HCPCS
Q2046	Injection, aflibercept, 1 mg	Procedure	HCPCS
Prior Use of Bevacizumab			
C9257	Injection, bevacizumab, 0.25 mg	Procedure	HCPCS
Q2024	Injection, bevacizumab, 0.25 mg	Procedure	HCPCS
Prior Use of Ranibizumab			
C9093	Injection, ranibizumab, via sustained release intravitreal implant (Susvimo), 0.1 mg	Procedure	HCPCS
C9233	Injection, ranibizumab, 0.5 mg	Procedure	HCPCS
J2778	Injection, ranibizumab, 0.1 mg	Procedure	HCPCS
J2779	Injection, ranibizumab, via intravitreal implant (Susvimo), 0.1 mg	Procedure	HCPCS
Q5124	Injection, ranibizumab-nuna, biosimilar, (Byooviz), 0.1 mg	Procedure	HCPCS
Q5128	Injection, ranibizumab-eqrn (Cimerli), biosimilar, 0.1 mg	Procedure	HCPCS
Prior Use of Brolucizumab			
J0179	Injection, brolucizumab-dbll, 1 mg	Procedure	HCPCS

The log likelihood ratio (LLR) based test statistic T can be calculated as:

$$LLR = \ln\left(\frac{\left(\frac{c_G}{c_G + n_G}\right)^{c_G}\left(\frac{n_G}{c_G + n_G}\right)^{n_G}}{\left(\frac{C}{C+N}\right)^{c_G}\left(\frac{N}{C+N}\right)^{n_G}}\,I\left(\frac{c_G}{c_G + n_G} > \frac{C}{C+N}\right)\right)$$

$$T = \max_G LLR(G)$$

Where:

T = Tree-based scan statistic

C_G = cases in the risk window for a given

n_G = cases in the control window for a

C = total number of cases in the risk

N = total number of cases in the control

G = node of interest

[1]**Expression in blue: This is the maximum likelihood estimation. It takes the form of a Bernoulli probability model. The numerator of the equation is based on the observed data. The denominator of the equation is based on the expectation under the null hypothesis. If the observed data "fit" the pattern of the null hypothesis, then this expression would be 1. The "log" of the function is for mathematical convenience. The ln (1) = 0.**

[2]**Expression in green: This is an indication function. It means that a log-likelihood ratio (LLR) is ONLY recorded if there are more observed cases than expected. So, a LLR is only calculated among nodes on the tree when the LLR would normally exceed 0 (or the likelihood ratio would exceed 1).**

[3]**Expression in red: The Log Likelihood Ratio is calculated for every position (node) on the tree including each individual diagnosis code and groupings of codes. For any dataset (i.e., across all nodes of the tree), the test statistic for that dataset is the maximum across all the nodes.**

Appendix I. Calculation for the Tree Temporal Scan Statistic Conditioned on Node and Time

The log likelihood ratio (LLR) based test statistic T can be calculated as:

$$LLR = \left(c_G \ln \frac{c_G}{u_G} + ((C+N) - c_G) \ln \left(\frac{(C+N) - c_G}{(C+N) - u_G} \right) \right) I(c_G > u_G)$$

$$T = \max_G LLR(G)$$

$$u_G = (C) \left(\frac{c_G + n_G}{C + N} \right)$$

Where:

T = Tree-based scan statistic

C_G = cases in node G that are in the variable risk window

n_G = cases in node G that are NOT in the variable risk

C = total number of cases in the variable risk window for all

N = total number of cases NOT in the variable risk window

G = node of interest

u_G = expected number of cases in the variable risk window

[1]**Expression in blue: This is the maximum likelihood estimation.**

[2]**Expression in green: This is an indication function. It means that a log-likelihood ratio (LLR) is ONLY recorded if there are more observed cases than expected. So, a LLR is only calculated among nodes on the tree when the LLR would normally exceed 0 (or the likelihood ratio would exceed 1).**

[3]**Expression in red: The Log Likelihood Ratio is calculated for every position (node) on the tree including each individual diagnosis code and groupings of codes. For any dataset (i.e., across all nodes of the tree), the test statistic for that dataset is the maximum across all the nodes.**

Appendix J. Specifications Defining Parameters for this Request

The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) tool 14.2.0 to perform a signal identification analysis assessing the safety profile of faricimab in the Sentinel Distributed Database (SDD) using a self-controlled risk interval (SCRI) design.

Query Period:	January 1, 2022 - April 30, 2025
Coverage Requirement:	*Medical & Drug Coverage
Enrollment Gap:	45
Age Groups:	18-39, 40-64, 65+
Sex:	M, F
Other Demographic Restrictions:	n/a
Stratifications:	*neovascular (wet) age-related macular degeneration (nAMD) *diabetic macular edema (DME) *macular edema following retinal vein occlusion (RVO) *prior use of any intravitreal anti-VEGF treatment (aflibercept, bevacizumab, ranibizumab, or brolucizumab) *Age categories
Restrictions:	n/a
Envelope macro:	*Reclassify encounters during inpatient stay as inpatient
Drop Censor Output Indicator	Y
Freeze data:	T
Additional Output:	n/a

	Scenario 1	Scenario 2	Scenario 3
Description:	**Faricimab Tree Primary Analysis**	**Faricimab Tree Sensitivty Analysis**	**Faricimab Tree-Temporal Analysis**
Group Name	faric_tree	faric_tree_sens	faric_temp
Exposure			
Index Exposure:	faricimab	faricimab	faricimab
Care Setting and Diagnosis Position Requirements	Any	Any	Any
Pre-Exposure Enrollment:	442Days	470 Days	400 Days
Post-Exposure Required Days:	28 days	56 days	183 days
Incidence Criteria:	faricimab	faricimab	faricimab
Care Setting and Diagnosis Position Requirements	Any	Any	Any
Create Baseline Table?	*Yes	*Yes	*Yes
Washout (days):	365 Days	365 Days	365 Days
Cohort Definition:	*All valid exposure episodes during query period	*All valid exposure episodes during query period	*All valid exposure episodes during query period
End At-Risk Period at Evidence of	*Death; *DP end date; *Query end date	*Death; *DP end date; *Query end date	*Death; *DP end date; *Query end date
Inclusion/ Exclusion Criteria			
Pre-existing Conditions:	Ongoing Pregnancy	Ongoing Pregnancy	Ongoing Pregnancy

Care Setting and Diagnosis Position Requirements	Any	Any	Any
Include/Exclude:	Exclude	Exclude	Exclude
Evaluation Period:	-183,28	-183,56	-183,183
Code Days:	2	2	2
	OR	**OR**	**OR**
Pre-existing Conditions:	Pregnancy Delivery Inaptient	Pregnancy Delivery Inaptient	Pregnancy Delivery Inaptient
Care Setting and Diagnosis Position Requirements	IP*	IP*	IP*
Include/Exclude:	Exclude	Exclude	Exclude
Evaluation Period:	-42, 28	-70, 56	0,183
Code Days:	1	1	1
	OR	**OR**	**OR**
Pre-existing Conditions:	Pregnancy Delivery	Pregnancy Delivery	Pregnancy Delivery
Care Setting and Diagnosis Position Requirements	Any	Any	Any
Include/Exclude:	Exclude	Exclude	Exclude
Evaluation Period:	-42, 28	-70, 56	0,183
Code Days:	1	1	1
	OR	**OR**	
Pre-existing Conditions:	Any inpatient encounter	Any Inpatient Encounter	
Care Setting and Diagnosis Position Requirements	IP*	IP*	
Include/Exclude:	Exclude	Exclude	
Evaluation Period:	-14, 0	-14, 0	
Code Days:	1	1	
Code Category	EN: Encounter	EN: Encounter	
Code Type	AD: Assign ADate to the extracted encounter	AD: Assign ADate to the extracted encounter	
Lookback Period Date Only	Y: Lookback period should search for evidence of a date only	Y: Lookback period should search for evidence of a date only	

International Classification of Diseases, Ninth Revision (ICD-9), International Classification of Diseases, Tenth Revision (ICD-10), Healthcare Common Procedure Coding System (HCPCS), and CPT (Current Procedural Terminology) codes are provided by Optum360.
National Drug Codes (NDCs) are checked against FirstDataBank's FDBMedKnowledge®.

Appendix K. Signal Identification Specifications Defining Parameters for this Request

Event/Tree File Parameters			
Tree Analysis Group Label	tree_iped	tree_ipedav	tree_iped_sens
Group/Analysis Group	faric_tree	faric_tree	faric_tree_sens
Strata	*neovascular (wet) age-related macular degeneration (nAMD) (covar1; levelid=001) *diabetic macular edema (DME) (covar2; levelid=002) *Retinal Vein Occlusion (RVO) with Macular Edema (covar3; levelid=003) *prior use of any intravitreal anti-VEGF treatment (aflibercept, bevacizumab, ranibizumab, or brolucizumab) (covar8; levelid=004) *Age categories (levelid=005)	*neovascular (wet) age-related macular degeneration (nAMD) (covar1; levelid=001) *diabetic macular edema (DME) (covar2; levelid=002) *Retinal Vein Occlusion (RVO) with Macular Edema (covar3; levelid=003) *prior use of any intravitreal anti-VEGF treatment (aflibercept, bevacizumab, ranibizumab, or brolucizumab) (covar8; levelid=004) *Age categories (levelid=005)	*neovascular (wet) age-related macular degeneration (nAMD) (covar1; levelid=001) *diabetic macular edema (DME) (covar2; levelid=002) *Retinal Vein Occlusion (RVO) with Macular Edema(covar3; levelid=003) *prior use of any intravitreal anti-VEGF treatment (aflibercept, bevacizumab, ranibizumab, or brolucizumab) (covar8; levelid=004) *Age categories (levelid=005)
Control Window[1]	(-42, -15)	(-42, -15)	(-70, -15)
Risk Window[1]	(1, 28)	(1, 28)	(1, 56)
Care Setting	IP ED	IP ED AV	IP ED
Principal Diagnosis Position	Any	Any	Any
Tree Incidence Level	3	3	3
Tree event washout period	400	400	400
Tree Washout Care Setting	Any	Any	Any
Tree Washout Principal Diagnosis	Any	Any	Any
TreeScan Software Parameters			
Type of Scan	Tree analysis	Tree analysis	Tree analysis
Time Precision	N/A	N/A	N/A
Conditional Analysis	Total Cases	Total Cases	Total Cases
Probability Model	Bernoulli	Bernoulli	Bernoulli
Case Probability	N/A	N/A	N/A
Monte Carlo Replications	9999	9999	9999
Tree Level Assessment	3,4,5 (not 1,2,6,7)	3,4,5 (not 1,2,6,7)	3,4,5 (not 1,2,6,7)

[1]Only applicable for Type 3

Event/Tree File Parameters			
Tree Analysis Group Label	tree_ipedav_sens	temp_iped	temp_ipedav
Group/Analysis Group	faric_tree_sens	faric_temp	faric_temp
Strata	*neovascular (wet) age-related macular degeneration (nAMD) (covar1; levelid=001) *diabetic macular edema (DME) (covar2; levelid=002) *Retinal Vein Occlusion (RVO) with Macular Edema(covar3; levelid=003) *prior use of any intravitreal anti-VEGF treatment (aflibercept, bevacizumab, ranibizumab, or brolucizumab) (covar8; levelid=004) *Age categories (levelid=005)	*neovascular (wet) age-related macular degeneration (nAMD) (covar1; levelid=001) *diabetic macular edema (DME) (covar2; levelid=002) *Retinal Vein Occlusion (RVO) with Macular Edema (covar3; levelid=003) *prior use of any intravitreal anti-VEGF treatment (aflibercept, bevacizumab, ranibizumab, or brolucizumab) (covar8; levelid=004) *Age categories (levelid=005)	*neovascular (wet) age-related macular degeneration (nAMD) (covar1; levelid=001) *diabetic macular edema (DME) (covar2; levelid=002) *Retinal Vein Occlusion (RVO) with Macular Edema (covar3; levelid=003) *prior use of any intravitreal anti-VEGF treatment (aflibercept, bevacizumab, ranibizumab, or brolucizumab) (covar8; levelid=004) *Age categories (levelid=005)
Control Window[1]	(-70, -15)	N/A	N/A
Risk Window[1]	(1, 56)	1,183	1,183
Care Setting	IP ED AV	IP ED	IP ED AV
Principal Diagnosis Position	Any	Any	Any
Tree Incidence Level	3	3	3
Tree event washout period	400	400	400
Tree Washout Care Setting	Any	Any	Any
Tree Washout Principal Diagnosis Position	Any	Any	Any
TreeScan Software Parameters			
Type of Scan	Tree analysis	Tree and Time (Temporal)	Tree and Time (Temporal)
Time Precision	N/A	Generic (1,183)	Generic (1,183)
Conditional Analysis	Total Cases	Node and Time	Node and Time
Probability Model	Bernoulli	N/A	N/A
Case Probability	N/A	N/A	N/A
Monte Carlo Replications	9999	9999	9999
Tree Level Assessment	3,4,5 (not 1,2,6,7)	3,4,5 (not 1,2,6,7)	3,4,5 (not 1,2,6,7)

[1]Only applicable for Type 3

Appendix L. Baseline Characteristics for this Request

Characteristic Name	Characteristic Number	Code Category	Care Setting and Diagnosis Position Requirements
Name of characteristic specified	Numeric indicator for each characteristic	RX: Drug code DX: Diagnosis code PX: Procedure code CC: Combination of multiple COVARNUM values to define a characteristic EN: Encounter LB: Lab Code	**IPP:** inpatient hospital stays, principal diagnoses **IPS:** inpatient hospital stays, secondary diagnoses **IPX:** inpatient hospital stays, unclassified diagnoses **ISP:** non-acute institutional stays, principal diagnoses **ISS:** non-acute institutional stays, secondary diagnoses **ISX:** non-acute institutional stays, unclassified diagnoses **ED*:** emergency department encounters **AV*:** ambulatory visits **OA*:** other ambulatory visits
Indication			
neovascular (wet) age-related macular degeneration (nAMD)	1	DX: Diagnosis code PX: Procedure code	Any
diabetic macular edema (DME)	2	DX: Diagnosis code PX: Procedure code	Any
retinal vein occlusion (RVO) with macular	3	DX: Diagnosis code PX: Procedure code	Any
Prior use of intravitreal anti-VEGF			
aflibercept	4	RX: Drug code PX: Procedure code [will not be included in table output]	Any
bevacizumab	5	RX: Drug code PX: Procedure code [will not be included in table output]	Any
ranibizumab	6	RX: Drug code PX: Procedure code [will not be included in table output]	Any
brolucizumab	7	RX: Drug code PX: Procedure code [will not be included in table output]	Any

Characteristic Name	Characteristic Number	Code Category	Care Setting and Diagnosis Position Requirements
Any intravitreal anti-VEGF treatment	8	RX: Drug code PX: Procedure code (Include all codes for the 4 drugs in a single code list; will be included in table output)	Any
CCW Codes			
Acute myocardial infarction	9	DX: Diagnosis code PX: Procedure code	Any
Atrial fibrillation	10	DX: Diagnosis code PX: Procedure code	Any
Benign prostatic hyperplasia - inclusion	11	DX: Diagnosis code PX: Procedure code [will not be included in table output]	Any
Benign prostatic hyperplasia - exclusion	12	DX: Diagnosis code PX: Procedure code [will not be included in table output]	Any
Cataract	13	DX: Diagnosis code PX: Procedure code	Any
Diabetes	14	DX: Diagnosis code PX: Procedure code	Any
Glaucoma	15	DX: Diagnosis code PX: Procedure code	Any
Heart failure	16	DX: Diagnosis code PX: Procedure code	Any
Hypertension	17	DX: Diagnosis code PX: Procedure code	Any
Ischemic heart disease	18	DX: Diagnosis code PX: Procedure code	Any
Stroke/transient ischemic attack -inclusion	19	DX: Diagnosis code PX: Procedure code [will not be included in table output]	Any
Stroke/transient ischemic attack - exclusion	20	DX: Diagnosis code PX: Procedure code [will not be included in table output]	Any
Stroke/TIA	21	CC: covar19 and not covar20	Any
Benign prostatic hyperplasia	22	CC: covar11 and not covar12	Any

Characteristic Name	Characteristic Number	Characteristic Evaluation Period Start	Characteristic Evaluation Period End	Number of Instances the Characteristic Should be Found in Evaluation Period	Forced Supply to Attach to a Code *(only applies to RX codes)*	Lookback Period Date Only
Name of characteristic specified	Numeric indicator for each characteristic	Numeric specified	Numeric specified	Numeric specified	Numberic specified	**N:** Lookback period should search for evidence of a date or an interval **Y:** Lookback period should search for evidence of a date only
Indication						
neovascular (wet) age-related macular degeneration (nAMD)	1	-400	0	1	n/a	n/a
diabetic macular edema (DME)	2	-400	0	1	n/a	n/a
retinal vein occlusion (RVO) with macular edema	3	-400	0	1	n/a	n/a
Prior use of intravitreal anti-VEGF						
aflibercept	4	-400	0	1	n/a	N
bevacizumab	5	-400	0	1	n/a	N
ranibizumab	6	-400	0	1	n/a	N
brolucizumab	7	-400	0	1	n/a	N
Any intravitreal anti-VEGF treatment	8	-400	0	1	n/a	N
CCW Codes						
Acute myocardial	9	-400	0	1	n/a	n/a
Atrial fibrillation	10	-400	0	1	n/a	n/a

Characteristic Name	Characteristic Number	Characteristic Evaluation Period Start	Characteristic Evaluation Period End	Number of Instances the Characteristic Should be Found in Evaluation Period	Forced Supply to Attach to a Code *(only applies to RX codes)*	Lookback Period Date Only
Benign prostatic hyperplasia - inclusion	11	-400	0	1	n/a	n/a
Benign prostatic hyperplasia - exclusion	12	-400	0	1	n/a	n/a
Cataract	13	-400	0	1	n/a	n/a
Diabetes	14	-400	0	1	n/a	n/a
Glaucoma	15	-400	0	1	n/a	n/a
Heart failure	16	-400	0	1	n/a	n/a
Hypertension	17	-400	0	1	n/a	n/a
Ischemic heart disease	18	-400	0	1	n/a	n/a
Stroke/transient ischemic attack -inclusion	19	-400	0	1	n/a	n/a
Stroke/transient ischemic attack - exclusion	20	-400	0	1	n/a	n/a
Stroke/TIA	21	-400	0	1	n/a	n/a
Benign prostatic	22	-400	0	1	n/a	n/a

Characteristic Name	Characteristic Number	Cumulative Number of Days *(only for*	Average Filled Daily Dose *(only*	Filled Daily Dose *(only for CODECAT=RX)*	Lab Date Selection Algorithm	Lab Result Values
Name of characteristic specified	Numeric indicator for each characteristic	Numeric specified	Numeric and units specified	Numeric and units specified	**L:** Lab Date **O:** Order Date **R:** Result Date **Blank:** if CODECAT is not LB	**<=X:** less than or equal to X **<X:** less than X **>=X:** greater than or equal to X **>X:** greater than X **~=X:** not equal to X **X:Y:** between X and Y **BORDERLINE** **POSITIVE** **NEGATIVE** **UNDETERMINED** **Start\end unit: range** **Blank:** if CODECat is not LB
Indication						
neovascular (wet) age-related macular degeneration (nAMD)	1	n/a	n/a	n/a	n/a	n/a
diabetic macular edema (DME)	2	n/a	n/a	n/a	n/a	n/a
retinal vein occlusion (RVO) with macular edema	3	n/a	n/a	n/a	n/a	n/a
Prior use of intravitreal anti-VEGF						
aflibercept	4	n/a	n/a	n/a	n/a	n/a
bevacizumab	5	n/a	n/a	n/a	n/a	n/a
ranibizumab	6	n/a	n/a	n/a	n/a	n/a
brolucizumab	7	n/a	n/a	n/a	n/a	n/a
Any intravitreal anti-VEGF treatment	8	n/a	n/a	n/a	n/a	n/a
CCW Codes						
Acute myocardial infarction	9	n/a	n/a	n/a	n/a	n/a

Characteristic Name	Characteristic Number	Cumulative Number of Days *(only for*	Average Filled Daily Dose *(only*	Filled Daily Dose *(only for CODECAT=RX)*	Lab Date Selection Algorithm	Lab Result Values
Atrial fibrillation	10	n/a	n/a	n/a	n/a	n/a
Benign prostatic hyperplasia - inclusion	11	n/a	n/a	n/a	n/a	n/a
Benign prostatic hyperplasia - exclusion	12	n/a	n/a	n/a	n/a	n/a
Cataract	13	n/a	n/a	n/a	n/a	n/a
Diabetes	14	n/a	n/a	n/a	n/a	n/a
Glaucoma	15	n/a	n/a	n/a	n/a	n/a
Heart failure	16	n/a	n/a	n/a	n/a	n/a
Hypertension	17	n/a	n/a	n/a	n/a	n/a
Ischemic heart disease	18	n/a	n/a	n/a	n/a	n/a
Stroke/transient ischemic attack - inclusion	19	n/a	n/a	n/a	n/a	n/a
Stroke/transient ischemic attack - exclusion	20	n/a	n/a	n/a	n/a	n/a
Stroke/TIA	21	n/a	n/a	n/a	n/a	n/a
Benign prostatic hyperplasia	22	n/a	n/a	n/a	n/a	n/a

Appendix J. Specifications Defining Parameters for this Request			
The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) tool 14.2.0 to perform a signal identification analysis assessing the safety profile of faricimab in the Sentinel Distributed Database (SDD) using a self-controlled risk interval (SCRI) design.			

Query Period:	January 1, 2022 - April 30, 2025		
Coverage Requirement:	*Medical & Drug Coverage		
Enrollment Gap:	45		
Age Groups:	18-39, 40-64, 65+		
Sex:	M, F		
Other Demographic Restrictions:	n/a		
Stratifications:	*neovascular (wet) age-related macular degeneration (nAMD) *diabetic macular edema (DME) *macular edema following retinal vein occlusion (RVO) *prior use of any intravitreal anti-VEGF treatment (aflibercept, bevacizumab, ranibizumab, or brolucizumab) *Age categories		
Restrictions:	n/a		
Envelope macro:	*Reclassify encounters during inpatient stay as inpatient		
Drop Censor Output Indicator	Y		
Freeze data:	T		
Additional Output:	n/a		

		Scenario 1	Scenario 2	Scenario 3
Description:		**Faricimab Tree Primary Analysis**	**Faricimab Tree Sensitivty Analysis**	**Faricimab Tree-Temporal Analysis**
	Group Name	faric_tree	faric_tree_sens	faric_temp
Exposure				
	Index Exposure:	faricimab	faricimab	faricimab
	Care Setting and Diagnosis Position Requirements	Any	Any	Any
	Pre-Exposure Enrollment:	442Days	470 Days	400 Days
	Post-Exposure Required Days:	28 days	56 days	183 days
	Incidence Criteria:	faricimab	faricimab	faricimab
	Care Setting and Diagnosis Position Requirements	Any	Any	Any
	Create Baseline Table?	*Yes	*Yes	*Yes
	Washout (days):	365 Days	365 Days	365 Days
	Cohort Definition:	*All valid exposure episodes during query period	*All valid exposure episodes during query period	*All valid exposure episodes during query period

Appendix J. Specifications Defining Parameters for this Request

End At-Risk Period at Evidence of	*Death; *DP end date; *Query end date	*Death; *DP end date; *Query end date	*Death; *DP end date; *Query end date
Inclusion/ Exclusion Criteria			
Pre-existing Conditions:	Ongoing Pregnancy	Ongoing Pregnancy	Ongoing Pregnancy
Care Setting and Diagnosis Position Requirements	Any	Any	Any
Include/Exclude:	Exclude	Exclude	Exclude
Evaluation Period:	-183,28	-183,56	-183,183
Code Days:	2	2	2
	OR	**OR**	**OR**
Pre-existing Conditions:	Pregnancy Delivery Inaptient	Pregnancy Delivery Inaptient	Pregnancy Delivery Inaptient
Care Setting and Diagnosis Position Requirements	IP*	IP*	IP*
Include/Exclude:	Exclude	Exclude	Exclude
Evaluation Period:	-42, 28	-70, 56	0,183
Code Days:	1	1	1
	OR	**OR**	**OR**
Pre-existing Conditions:	Pregnancy Delivery	Pregnancy Delivery	Pregnancy Delivery
Care Setting and Diagnosis Position Requirements	Any	Any	Any
Include/Exclude:	Exclude	Exclude	Exclude
Evaluation Period:	-42, 28	-70, 56	0,183
Code Days:	1	1	1
	OR	**OR**	
Pre-existing Conditions:	Any inpatient encounter	Any Inpatient Encounter	
Care Setting and Diagnosis Position Requirements	IP*	IP*	
Include/Exclude:	Exclude	Exclude	
Evaluation Period:	-14, 0	-14, 0	
Code Days:	1	1	
Code Category	EN: Encounter	EN: Encounter	
Code Type	AD: Assign ADate to the extracted encounter	AD: Assign ADate to the extracted encounter	
Lookback Period Date Only	Y: Lookback period should search for evidence of a date only	Y: Lookback period should search for evidence of a date only	

Appendix J. Specifications Defining Parameters for this Request
International Classification of Diseases, Ninth Revision (ICD-9), International Classification of Diseases, Tenth Revision (ICD-10), Healthcare Common Procedure Coding System (HCPCS), and CPT (Current Procedural Terminology) codes are provided by Optum360. National Drug Codes (NDCs) are checked against FirstDataBank's FDBMedKnowledge®.

Appendix K. Signal Identification Specifications Defining Parameters for this Request

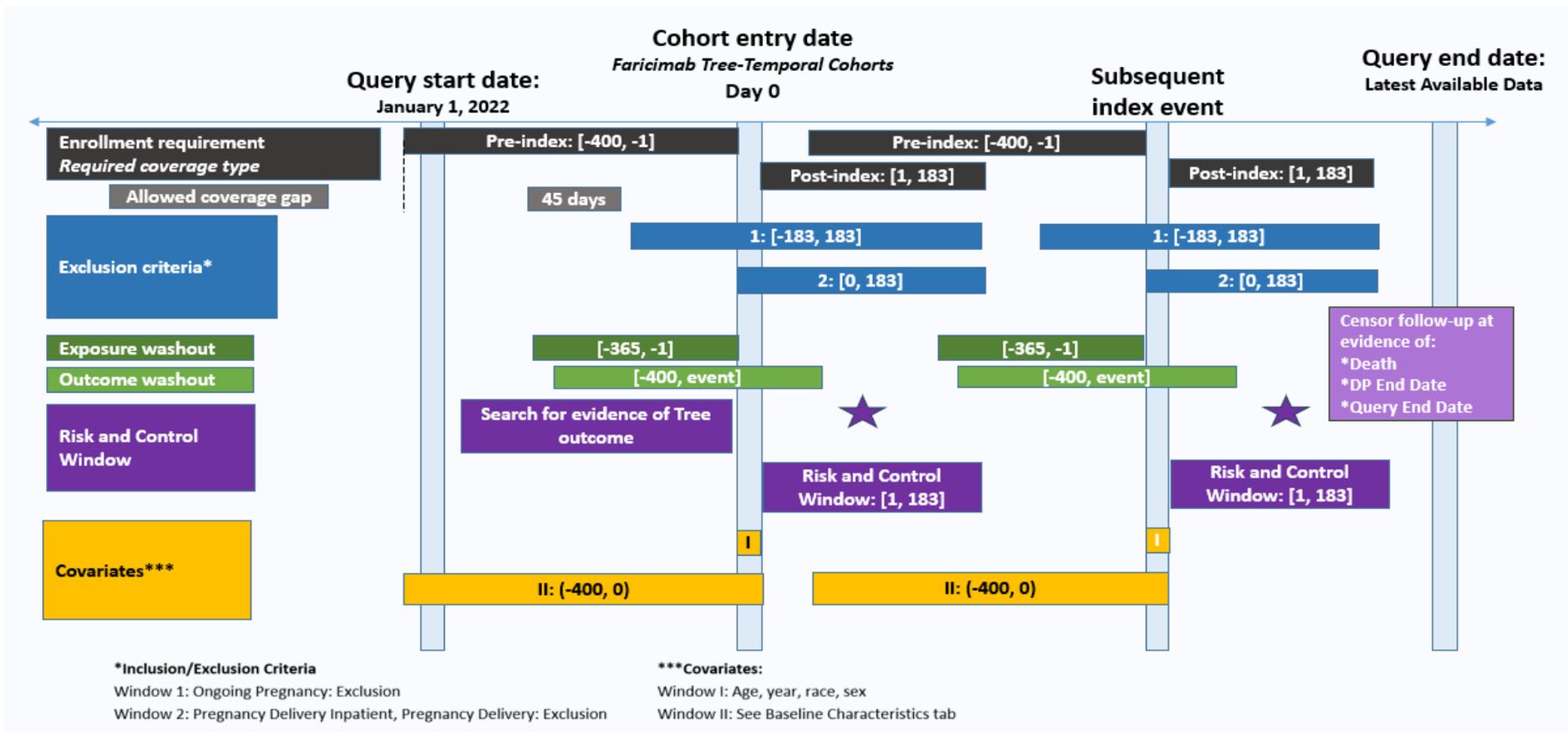| Event/Tree File Parameters			
Tree Analysis Group Label	tree_iped	tree_ipedav	tree_iped_sens
Group/Analysis Group	faric_tree	faric_tree	faric_tree_sens
Strata	*neovascular (wet) age-related macular degeneration (nAMD) (covar1; levelid=001) *diabetic macular edema (DME) (covar2; levelid=002) *Retinal Vein Occlusion (RVO) with Macular Edema (covar3; levelid=003) *prior use of any intravitreal anti-VEGF treatment (aflibercept, bevacizumab, ranibizumab, or brolucizumab) (covar8; levelid=004) *Age categories (levelid=005)	*neovascular (wet) age-related macular degeneration (nAMD) (covar1; levelid=001) *diabetic macular edema (DME) (covar2; levelid=002) *Retinal Vein Occlusion (RVO) with Macular Edema (covar3; levelid=003) *prior use of any intravitreal anti-VEGF treatment (aflibercept, bevacizumab, ranibizumab, or brolucizumab) (covar8; levelid=004) *Age categories (levelid=005)	*neovascular (wet) age-related macular degeneration (nAMD) (covar1; levelid=001) *diabetic macular edema (DME) (covar2; levelid=002) *Retinal Vein Occlusion (RVO) with Macular Edema(covar3; levelid=003) *prior use of any intravitreal anti-VEGF treatment (aflibercept, bevacizumab, ranibizumab, or brolucizumab) (covar8; levelid=004) *Age categories (levelid=005)
Control Window[1]	(-42, -15)	(-42, -15)	(-70, -15)
Risk Window[1]	(1, 28)	(1, 28)	(1, 56)
Care Setting	IP ED	IP ED AV	IP ED
Principal Diagnosis Position	Any	Any	Any
Tree Incidence Level	3	3	3
Tree event washout period	400	400	400
Tree Washout Care Setting	Any	Any	Any
Tree Washout Principal Diagnosis	Any	Any	Any
TreeScan Software Parameters			
Type of Scan	Tree analysis	Tree analysis	Tree analysis
Time Precision	N/A	N/A	N/A
Conditional Analysis	Total Cases	Total Cases	Total Cases
Probability Model	Bernoulli	Bernoulli	Bernoulli
Case Probability	N/A	N/A	N/A
Monte Carlo Replications	9999	9999	9999
Tree Level Assessment	3,4,5 (not 1,2,6,7)	3,4,5 (not 1,2,6,7)	3,4,5 (not 1,2,6,7)

[1]Only applicable for Type 3

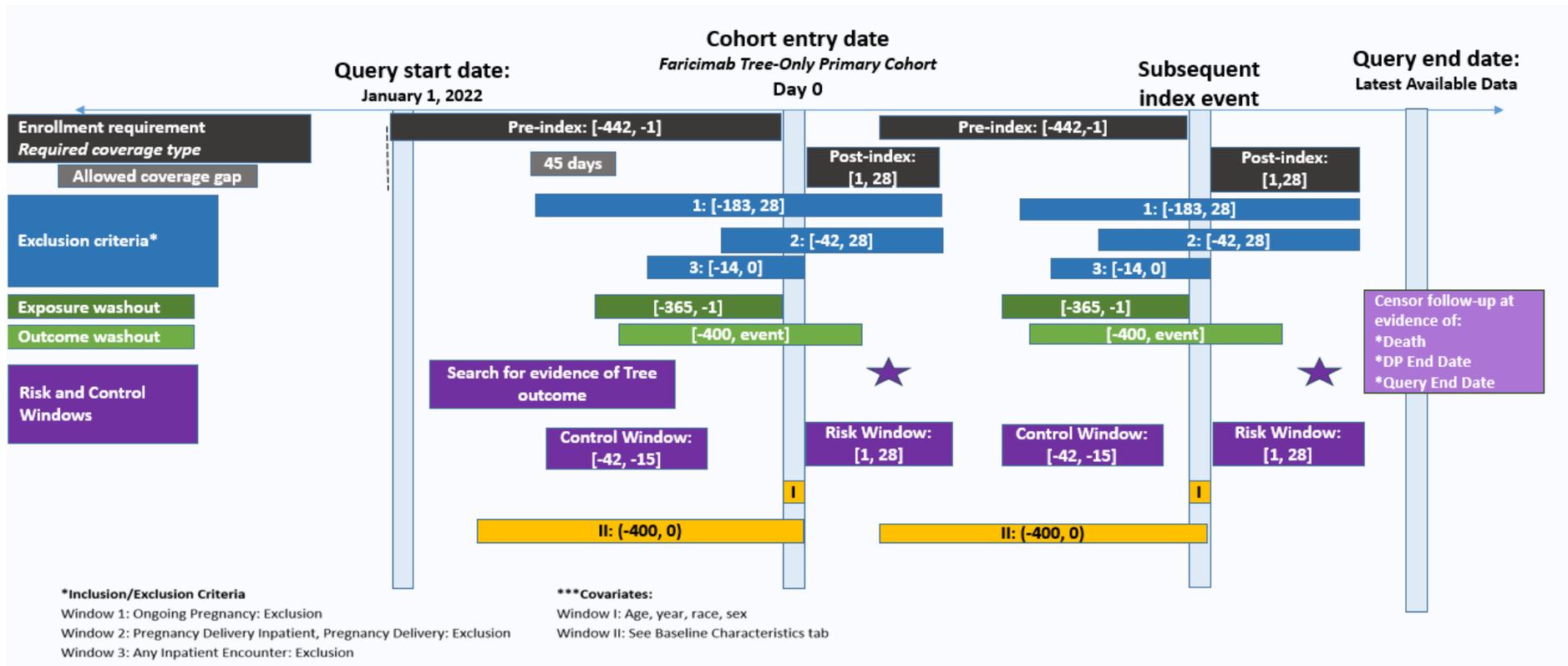**Appendix K. Signal Identification Specifications Defining Parameters for this Request**

Event/Tree File Parameters			
Tree Analysis Group Label	tree_ipedav_sens	temp_iped	temp_ipedav
Group/Analysis Group	faric_tree_sens	faric_temp	faric_temp
Strata	*neovascular (wet) age-related macular degeneration (nAMD) (covar1; levelid=001) *diabetic macular edema (DME) (covar2; levelid=002) *Retinal Vein Occlusion (RVO) with Macular Edema(covar3; levelid=003) *prior use of any intravitreal anti-VEGF treatment (aflibercept, bevacizumab, ranibizumab, or brolucizumab) (covar8; levelid=004) *Age categories (levelid=005)	*neovascular (wet) age-related macular degeneration (nAMD) (covar1; levelid=001) *diabetic macular edema (DME) (covar2; levelid=002) *Retinal Vein Occlusion (RVO) with Macular Edema (covar3; levelid=003) *prior use of any intravitreal anti-VEGF treatment (aflibercept, bevacizumab, ranibizumab, or brolucizumab) (covar8; levelid=004) *Age categories (levelid=005)	*neovascular (wet) age-related macular degeneration (nAMD) (covar1; levelid=001) *diabetic macular edema (DME) (covar2; levelid=002) *Retinal Vein Occlusion (RVO) with Macular Edema (covar3; levelid=003) *prior use of any intravitreal anti-VEGF treatment (aflibercept, bevacizumab, ranibizumab, or brolucizumab) (covar8; levelid=004) *Age categories (levelid=005)
Control Window[1]	(-70, -15)	N/A	N/A
Risk Window[1]	(1, 56)	1,183	1,183
Care Setting	IP ED AV	IP ED	IP ED AV
Principal Diagnosis Position	Any	Any	Any
Tree Incidence Level	3	3	3
Tree event washout period	400	400	400
Tree Washout Care Setting	Any	Any	Any
Tree Washout Principal Diagnosis Position	Any	Any	Any
TreeScan Software Parameters			
Type of Scan	Tree analysis	Tree and Time (Temporal)	Tree and Time (Temporal)
Time Precision	N/A	Generic (1,183)	Generic (1,183)
Conditional Analysis	Total Cases	Node and Time	Node and Time
Probability Model	Bernoulli	N/A	N/A
Case Probability	N/A	N/A	N/A
Monte Carlo Replications	9999	9999	9999
Tree Level Assessment	3,4,5 (not 1,2,6,7)	3,4,5 (not 1,2,6,7)	3,4,5 (not 1,2,6,7)

[1]Only applicable for Type 3

*Inclusion/Exclusion Criteria

Window 1: Ongoing Pregnancy: Exclusion

Window 2: Pregnancy Delivery Inpatient, Pregnancy Delivery: Exclusion

Window 3: Any Inpatient Encounter: Exclusion

***Covariates:

Window I: Age, year, race, sex

Window II: See Baseline Characteristics tab